


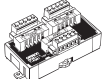
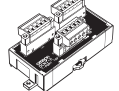
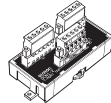
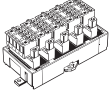
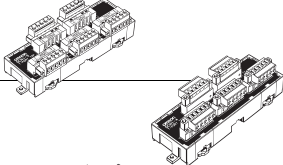
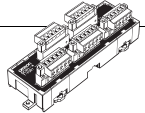
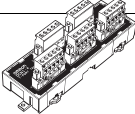
# Peripheral Devices



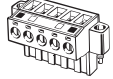






## General-purpose Peripheral Devices

### Peripheral Devices for DeviceNet Communications




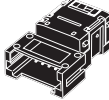




#### Ordering Information

##### ● General-purpose Models

| Product                         | Appearance  | Model           | Specifications   |  |
|---------------------------------|---|-----------------|--|--|
| T-branch Tap for 1 branch line  |    | <b>DCN1-1NC</b> | Cable wiring direction: Toward top<br>Cable lock direction: From top<br>Connector screw direction: From top    | Provided with 3 parallel connectors with clamps (XW4G-05C1-H1-D), standard terminating resistor          |
|                                 |    | <b>DCN1-1C</b>  | Cable wiring direction: Toward side<br>Cable screw direction: From top<br>Connector screw direction: From side | Provided with 3 parallel connectors with screws (XW4B-05C1-H1-D), standard terminating resistor          |
|                                 |    | <b>DCN1-2C</b>  | Cable wiring direction: Toward top<br>Cable screw direction: From side<br>Connector screw direction: From top  |  |
|                                 |   | <b>DCN1-2R</b>  | Cable wiring direction: Toward side<br>Cable screw direction: From top<br>Connector screw direction: From top  | Provided with 3 orthogonal connectors with screws (XW4B-05C1-VIR-D), standard terminating resistor       |
| T-branch Tap for 3 branch lines |  | <b>DCN1-3NC</b> | Cable wiring direction: Toward top<br>Cable lock direction: From top<br>Connector screw direction: From top    | Provided with 5 parallel clamp connectors with screws (XW4G-05C1-H1-D), standard terminating resistor    |
|                                 |  | <b>DCN1-3C</b>  | Cable wiring direction: Toward side<br>Cable screw direction: From top<br>Connector screw direction: From side | Provided with 5 parallel connectors with screws (XW4B-05C1-H1-D), standard terminating resistor          |
|                                 |   | <b>DCN1-4C</b>  | Cable wiring direction: Toward top<br>Cable screw direction: From side<br>Connector screw direction: From top  |  |
|                                 |  | <b>DCN1-4R</b>  | Cable wiring direction: Toward side<br>Cable screw direction: From top<br>Connector screw direction: From top  | Provided with 5 orthogonal clamp connectors with screws (XW4B-05C1-VIR-D), standard terminating resistor |
| Power Supply Tap                |  | <b>DCN1-1P</b>  | Tap provided with 2 connectors, standard terminating resistor, and fuse  |  |

| Product                   |              | Appearance  | Model           | Specifications  |
|---------------------------|--------------|---|-----------------|---|
| Connectors                |              |    | XW4G-05C1-H1-D  | Parallel clamp connector with screws<br>Connector insertion and wiring both performed horizontally.                 |
|                           |              |    | XW4G-05C4-TF-D  | Parallel multi-branching clamp connector with screws<br>Connector insertion and wiring performed in same direction. |
|                           |              |    | XW4B-05C1-H1-D  | Parallel connector with screws<br>Connector insertion and wiring performed in same direction.                       |
|                           |              |    | XW4B-05C4-T-D   | Parallel, screw-less, multi-branching connector<br>Connector insertion and wiring performed in same direction.      |
|                           |              |    | XW4B-05C4-TF-D  | Parallel, multi-branching connector with screws<br>Connector insertion and wiring performed in same direction.      |
|                           |              |    | XW4B-05C1-VIR-D | Orthogonal connector with screws<br>Connector insertion and wiring performed at a right angle.                      |
| DeviceNet Standard Cables | Thin Cables  |    | DCA1-5C10(-B)   | Outer diameter: 7.00 mm<br>Length: 100 m<br>DCA1-5C10-B: Cable color: Blue<br>DCA1-5C10: Cable color: Gray          |
|                           | Thick Cables |   | DCA2-5C10(-B)   | Outer diameter: 11.6 mm<br>Length: 100 m<br>DCA2-5C10-B: Cable color: Blue<br>DCA2-5C10: Cable color: Gray          |
| Terminal-block Terminator |              |  | DRS1-T          | Resistance of 121 Ω   |

● Peripheral Devices for Flat Cables

| Product  | Appearance  | Model     | Specifications  |
|--|---|-----------|---|
| Connector for Flat Cable   |    | DCN4-SF4D | Connector with lock screws for crimping flat cable  |
| Conversion Connector for Standard Thin Cable and Flat Cable            |    | DCN4-BR4D | Used as a set with a DCN4-TR4 when Thin Cable is branched on a branch line.   |
| Power Supply Terminal Block with Terminating Resistance for Flat Cable |    | DCN4-TP4D | Can be used to supply communications power from terminals when Flat Cable is used.  |
| Flat Connector Socket  |    | DCN4-TR4  | Used as a set with a DCN4-BR4 Flat Connector Plug in the following applications. <ul style="list-style-type: none"> <li>• Extending the trunk line</li> <li>• T-branching the trunk line into branch lines</li> </ul>   |
|  |   |           | Used alone in the following applications. <ul style="list-style-type: none"> <li>• Connecting a DCN4-TM4 Terminating Resistor to the trunk line</li> </ul>  |
| Flat Connector Plug  |    | DCN4-BR4  | Used as a set with a DCN4-TR4 Flat Connector Socket in the following applications. <ul style="list-style-type: none"> <li>• Extending the trunk line</li> <li>• T-branching the trunk line into branch lines</li> </ul> |
| Terminating Resistor   |    | DCN4-TM4  | Connector terminating resistor for flat cable. Attached to the DCN4-TR4 Flat Connector Socket at the end of the trunk line.   |
| Flat Cable   |   | DCA4-4F10 | Four-core flat cable (UL 2555)<br>Length: 100 m<br>Conductor diameters: 0.75 mm <sup>2</sup> x 2, 0.5 mm <sup>2</sup> x 2   |
| Simple Manual Crimp Tool   |  | DWT-A01   | Crimping tool for DCN4-TR4 Flat Connector Socket or DCN4-BR4 Flat Connector Plug.   |

Specifications

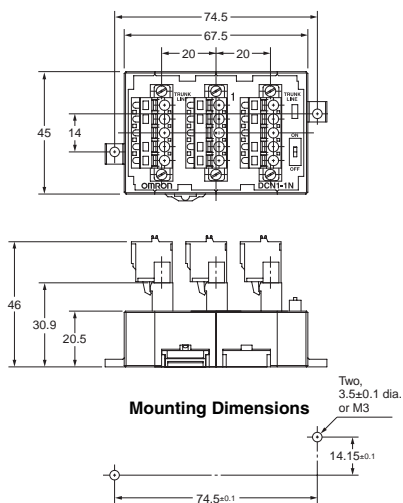
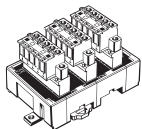
● General-purpose Models (T-branch Taps)

|                                      |  |
|--------------------------------------|--|
| <b>Rated current</b>                 | Between main lines: 8 A (power supply line) and 2 A (signal line)            |
|                                      | Between main and branch lines: 3 A (power supply line) and 1 A (signal line) |
| <b>Insulation resistance</b>         | 100 MΩ min. (at 500 VDC)   |
| <b>Dielectric strength</b>           | 500 VAC for 1 min, leakage current: 1 mA max.                                |
| <b>Ambient operating temperature</b> | 0°C to 55°C  |

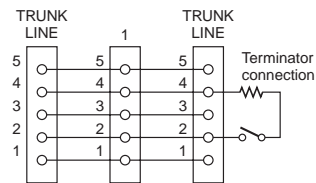
## Dimensions

### ● General-purpose Models

#### T-branch Tap for 1 branch line DCN1-1NC (With Three Branching Connectors)

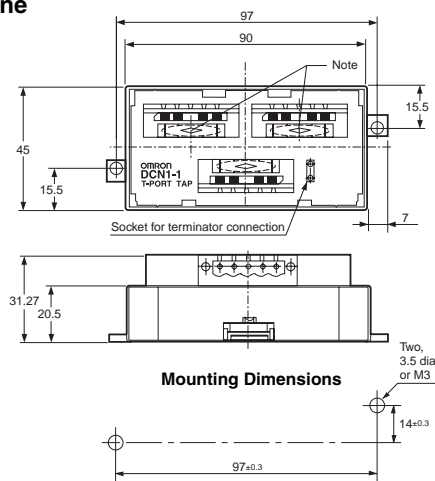
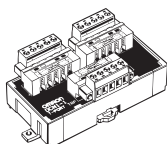


#### Internal Circuit

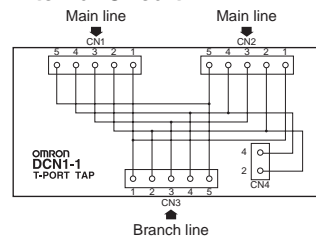


| Terminal No. | Name  |
|--------------|-------|
| 1            | V-    |
| 2            | CAN L |
| 3            | DRAIN |
| 4            | CAN H |
| 5            | V+    |

#### T-branch Tap for 1 branch line DCN1-1C (With Three Branching Connectors)



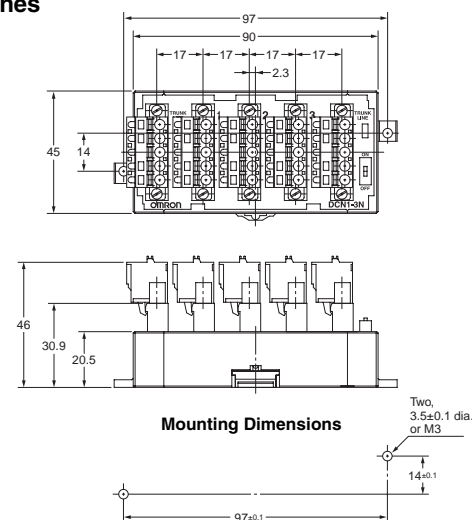
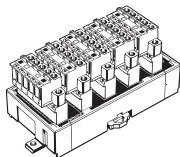
#### Internal Circuit



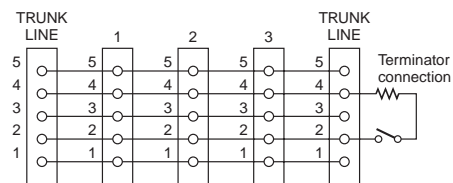
| Terminal No. | Name  |
|--------------|-------|
| 1            | V-    |
| 2            | CAN L |
| 3            | DRAIN |
| 4            | CAN H |
| 5            | V+    |

**Note:** When connecting a branch line to the main line, connect the main line to the connector marked with an asterisk because the resistance between the asterisks is minimal.

#### T-branch Tap for 3 branch lines DCN1-3NC (With Five Branching Connectors)

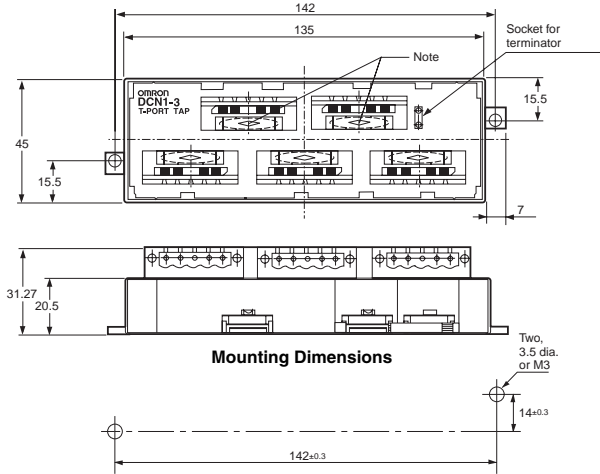
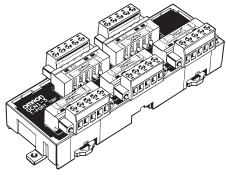


#### Internal Circuit



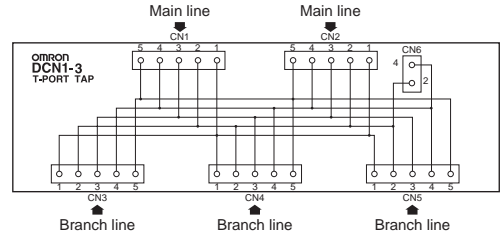
| Terminal No. | Name  |
|--------------|-------|
| 1            | V-    |
| 2            | CAN L |
| 3            | DRAIN |
| 4            | CAN H |
| 5            | V+    |

**T-branch Tap for 3 branch lines  
DCN1-3C  
(With Five Branching  
Connectors)**



**Mounting Dimensions**

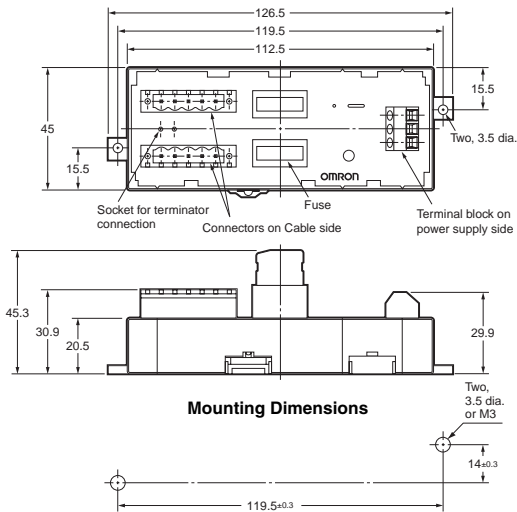
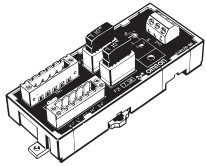
**Internal Circuit**



| Terminal No. | Name  |
|--------------|-------|
| 1            | V-    |
| 2            | CAN L |
| 3            | DRAIN |
| 4            | CAN H |
| 5            | V+    |

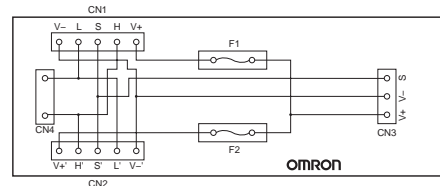
**Note:** When connecting a branch line to the main line, connect the main line to the connector marked with an asterisk because the resistance between the asterisked portion is minimal.

**Power Supply Tap  
DCN1-1P  
(With Two Branching  
Connectors)**



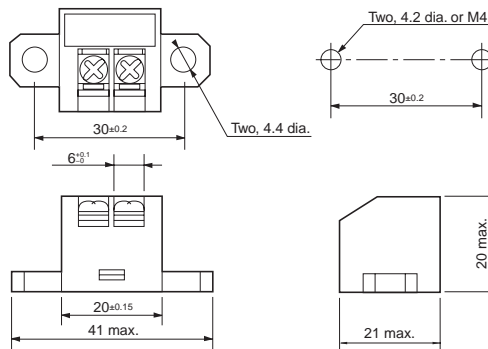
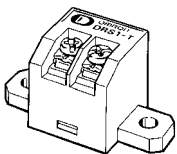
**Mounting Dimensions**

**Internal Circuit**



| Terminal No. | Name  |
|--------------|-------|
| V-           | V-    |
| L            | CAN L |
| S            | DRAIN |
| H            | CAN H |
| V+           | V+    |

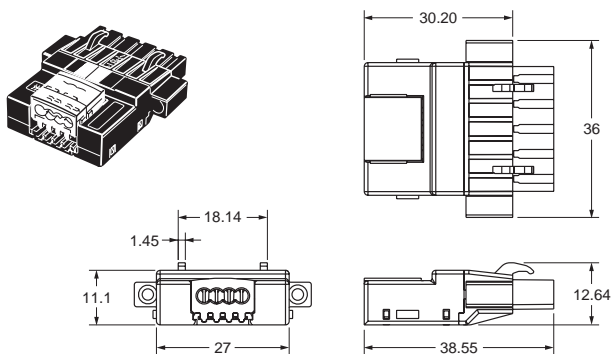
**DRS1-T  
(Terminal-block Terminator)**



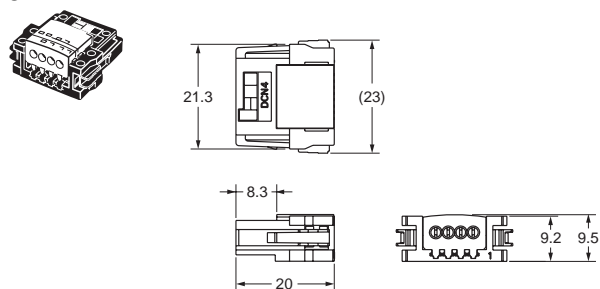
**Mounting Dimensions**

● Flat Cable

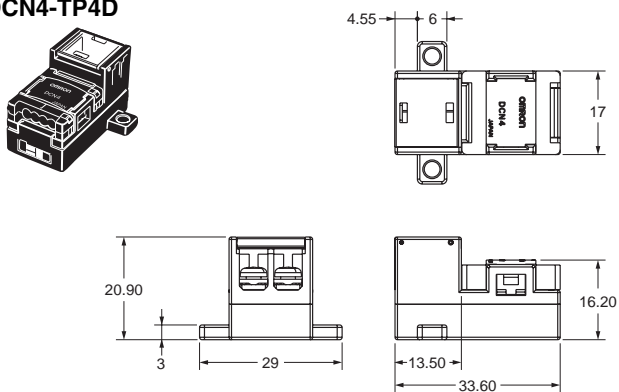
Connector for Flat Cable  
DCN4-SF4D



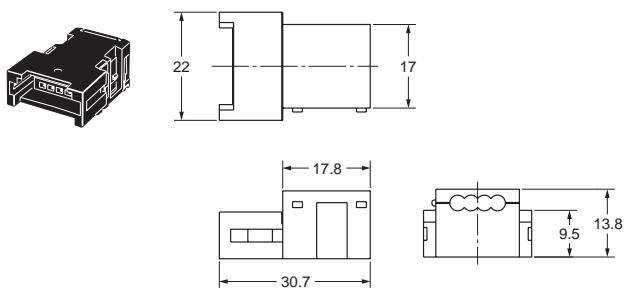
Conversion Connector for Standard Thin Cable and Flat Cable  
DCN4-BR4D



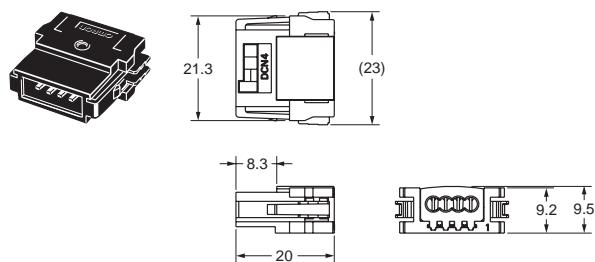
Power Supply Terminal Block with Terminating Resistance for Flat Cable  
DCN4-TP4D



Flat Connector Socket  
DCN4-TR4



Flat Connector Plug  
DCN4-BR4



**I/O Peripheral Devices**

**■ I/O Connectors for Connector Terminals**

**● MIL Connectors**

**Applicable Connectors**

| Type  | Model              | Remarks            |
|---|--------------------|--------------------|
| Flat Cable Pressure-welded Connectors       | <b>XG4M-4030-T</b> |                    |
| Pressure-welded Connectors with Loose Wires | Socket             | <b>XG5M-4032-N</b> |
|   |                    | <b>XG5M-4035-N</b> |
|   | Semicover          | <b>XG5S-2001</b>   |
|   | Hood Cover *       | <b>XG5S-4022</b>   |

\* DeviceNet connectors for multi-drop wiring cannot be used with the Hood Cover.

**Cable Models**

| Type  | Model                | Connected device | Applicable models         |
|---|----------------------|------------------|---------------------------|
| Cable with Connectors (1:2)                 | <b>G79-I□□-□□-D1</b> | G7TC/G70D/G70A   | DRT2-ID32ML               |
|   | <b>G79-M□□-□□-D1</b> |                  | DRT2-MD32ML               |
|   | <b>G79-O□□-□□-D1</b> |                  | DRT2-OD32ML/DRT1-OD32ML-1 |
|   | <b>G79-I□□-□□-D2</b> |                  | DRT2-ID32ML-1             |
|   | <b>G79-M□□-□□-D2</b> |                  | DRT2-MD32ML-1             |
| Cable with Connector (1:1)                  | <b>XW2Z-C□□K</b>     |                  |                           |
| Cable with Loose Wires with Crimp Terminals | <b>G79-Y□00C-D1</b>  | --               | All models                |
| Cable with Loose Wires                      | <b>G79-A□00C-D1</b>  |                  |                           |

**Applicable Cables with Connectors**

**● Cables with Connectors (1-to-2 Connection)/G79-□□-□-D□**

| Appearance | Cable length (mm)                 | Cable length (mm) |     | Model                |
|------------|-----------------------------------|-------------------|-----|----------------------|
|            |                                   | (A)               | (B) |                      |
|            | <p>Length without any bending</p> | 500               | 250 | <b>G79-I50-25-D1</b> |
|            |                                   | 750               | 500 | <b>G79-I75-50-D1</b> |
|            |                                   | 500               | 250 | <b>G79-O50-25-D1</b> |
|            |                                   | 750               | 500 | <b>G79-O75-50-D1</b> |
|            |                                   | 500               | 250 | <b>G79-M50-25-D1</b> |
|            |                                   | 750               | 500 | <b>G79-M75-50-D1</b> |
|            |                                   | 500               | 250 | <b>G79-I50-25-D2</b> |
|            |                                   | 750               | 500 | <b>G79-I75-50-D2</b> |
|            |                                   | 500               | 250 | <b>G79-M50-25-D2</b> |
|            |                                   | 750               | 500 | <b>G79-M75-50-D2</b> |

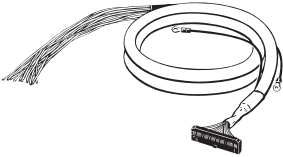
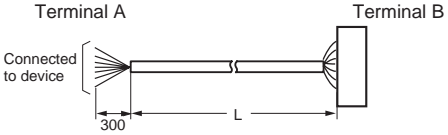
**● Cables with Connectors (1-to-1 Connection)/XW2Z-C□□K**

| Appearance | Cable length (mm) | Model            |
|------------|-------------------|------------------|
|            | 250               | <b>XW2Z-C25K</b> |
|            | 500               | <b>XW2Z-C50K</b> |

**● Cables with Crimp Terminals (at the End of Loose Wires)/G79-Y□C-D1**

| Appearance | Cable length (mm)                        | Model |                     |
|------------|--|-------|---------------------|
|            | Terminal A<br>Connected to device<br>300 | 1,000 | <b>G79-Y100C-D1</b> |
|            |  | 2,000 | <b>G79-Y200C-D1</b> |
|            |  | 5,000 | <b>G79-Y500C-D1</b> |

● Cables with Loose Wires/G79-A□C

| Appearance  | Cable length (mm)   | Model                        |
|---|---|------------------------------|
|  |  | 2,000<br><b>G79-A200C-D1</b> |
|   |   | 5,000<br><b>G79-A500C-D1</b> |



## I/O Connectors for MULTIPLE I/O TERMINALS

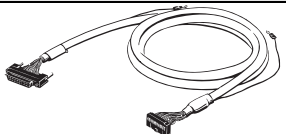

### Applicable Connectors

| Type                          |                           | Model           | Remark                        | Connectable model   |                               |
|-------------------------------|---------------------------|-----------------|-------------------------------|---|-------------------------------|
| Molex connector               | Crimped terminals         | Housing         | 50-57-9403                    | Digital I/O Units<br>GT1-ID16MX(-1)/GT1-OD16MX(-1)<br><br>Analog I/O Units<br>GT1-AD08MX/GT1-DA04MX |                               |
|                               |                           | Chain terminal  | 16-02-0069                    |   | Corresponding to 24 to 30 AWG |
|                               |                           |                 | 16-02-0086                    |   | Corresponding to 22 to 24 AWG |
|                               |                           | Loose terminal  | 16-02-0096                    |   | Corresponding to 24 to 30 AWG |
|                               |                           |                 | 16-02-0102                    |   | Corresponding to 22 to 24 AWG |
|                               | Press-fit tool            | 57036-5000      | Corresponding to 22 to 26 AWG |   |                               |
|                               |                           | 57037-5000      | Corresponding to 24to 30 AWG  |   |                               |
| Fujitsu connector (16 points) | Soldered terminals        | FCN361J024-AU   |                               |   |                               |
|                               | Pressure-welded terminals | FCN367J024-AU/F |                               |   |                               |
|                               | Crimped terminals         | FCN363J024-AU   |                               |   |                               |
| Fujitsu connector (32 points) | Soldered terminals        | FCN361J040-AU   |                               | Digital I/O Units<br>GT1-ID32ML(-1)/GT1-OD32ML(-1)  |                               |
|                               | Pressure-welded terminals | FCN367J040-AU/F |                               |   |                               |
|                               | Crimped terminals         | FCN363J040-AU   |                               |   |                               |
| OMRON D-sub connector         | Pulg                      | XM2A-2501       |                               | Digital I/O Units<br>GT1-ID16DS(-1)/GT1-OD16DS(-1)  |                               |
|                               | Hood                      | XM2S-2513       | #4-40UNC inch screws          |   |                               |

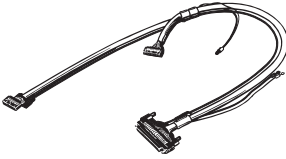
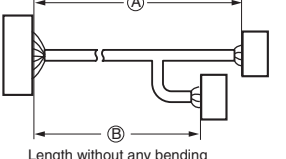
### Applicable Cables with Connectors (Fujitsu Connectors)

| I/O classification        | Model     | Connectable model                   |
|---------------------------|-----------|-------------------------------------|
| Digital input, 16 points  | XW2Z-□□□A | Digital I/O Units<br>GT1-ID16ML(-1) |
|                           | G79-□C    |                                     |
| Digital output, 16 points | XW2Z-□□□A | Digital I/O Units<br>GT1-OD16ML(-1) |
|                           | G79-□C    |                                     |
| Digital input, 32 points  | XW2Z-□□□B | Digital I/O Units<br>GT1-ID32ML(-1) |
|                           | G79-□C□   |                                     |
| Digital output, 32 points | XW2Z-□□□B | Digital I/O Units<br>GT1-OD32ML(-1) |
|                           | G79-□C□   |                                     |

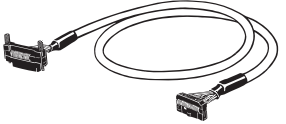
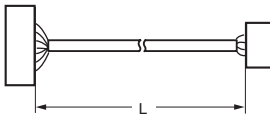
#### ● Cables with Connectors (1-to1 Connection)/G79-□C For Digital Input/Output (16 Points)

| Appearance  | Cable length (mm)   | Model             |
|---|---|-------------------|
|  |  | 1,000<br>G79-100C |
|   | 1,500<br>G79-150C   |                   |
|   | 2,000<br>G79-200C   |                   |
|   | 3,000<br>G79-300C   |                   |
|   | 5,000<br>G79-500C   |                   |

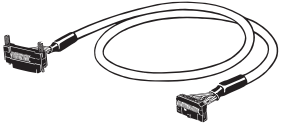
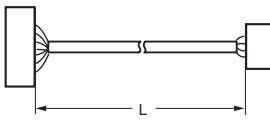
#### ● Cables with Connectors (1-to-2 Connection)/G79-□□C-□, G79-□□C-□ For Digital Input/Output (32 Points)

| Appearance  | Cable length (mm)   |       | Model |               |               |
|---|---|-------|-------|---------------|---------------|
|   | ①   | ②     | Input | Output        |               |
|  |  | 1,000 | 750   | G79-I100C-75  | G79-O100C-75  |
|   |   | 1,500 | 1,250 | G79-I150C-125 | G79-O150C-125 |
|   |   | 2,000 | 1,750 | G79-I200C-175 | G79-O200C-175 |
|   |   | 3,000 | 2,750 | G79-I300C-275 | G79-O300C-275 |
|   |   | 5,000 | 4,750 | G79-I500C-475 | G79-O500C-475 |

#### For Digital Input/Output (16 Points)

| Appearance  | Cable length (mm)   | Model              |
|---|---|--------------------|
|  |  | 500<br>XW2Z-050A   |
|   |   | 1,000<br>XW2Z-100A |
|   |   | 1,500<br>XW2Z-150A |
|   |   | 2,000<br>XW2Z-200A |
|   |   | 3,000<br>XW2Z-300A |
|   |   | 5,000<br>XW2Z-500A |

#### For Digital Input/Output (32 Points)

| Appearance  | Cable length (mm)   | Model              |
|---|---|--------------------|
|  |  | 500<br>XW2Z-050B   |
|   |   | 1,000<br>XW2Z-100B |
|   |   | 1,500<br>XW2Z-150B |
|   |   | 2,000<br>XW2Z-200B |
|   |   | 3,000<br>XW2Z-300B |
|   |   | 5,000<br>XW2Z-500B |


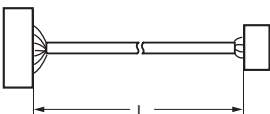
## I/O Connector for Programmable Slaves

### Applicable Connector Terminal Conversion Units

| Applicable cable | Connected product | Remarks   |
|------------------|-------------------|---|
| XW2Z-□□□A        | XW2D-20G6         | Slim type<br>(with M3 screw terminals)  |
|                  | XW2B-20G4         | Flat cable connectors<br>(with M3 terminal screws for flat-blade screwdriver) |

### Applicable Cables with Connectors

● Cables with Connectors/XW2Z  
For Digital Input/Output (16 Points)

| Appearance  | Cable length (mm)   | Model     |
|---|---|-----------|
|  |  | 500       |
|   |   | XW2Z-050A |
|   |   | 1,000     |
|   |   | XW2Z-100A |
|   |   | 1,500     |
|   |   | XW2Z-150A |
| 2,000   |   |           |
| XW2Z-200A   |   |           |
| 3,000   |   |           |
| XW2Z-300A   |   |           |
| 5,000   |   |           |
| XW2Z-500A   |   |           |

# Peripheral Devices for Environment-resistive Slaves

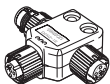
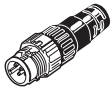
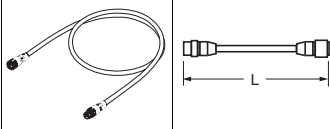
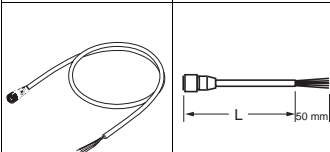
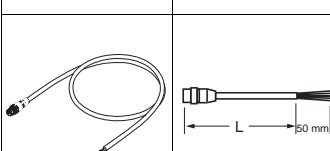


## Peripheral Devices for DeviceNet Communications

### Ordering Information

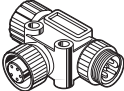
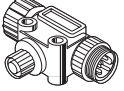


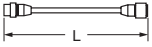
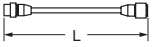
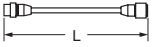
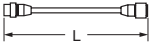

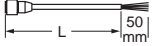
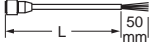
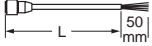
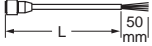

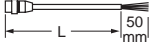
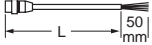
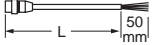
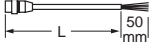

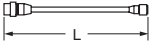
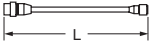
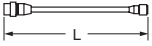
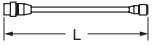



● Environment-resistive Connection Products (for Thin Cable, M12 Micro Connectors)

| Product                                     | Appearance  | Model                                     | Specifications                                     |
|---|---|---|--|
| Sealed Assembling-type Connector (male)     |   | XS2G-D5S7                                 | For communications (plug)                          |
| Sealed Assembling-type Connector (female)   |   | XS2C-D5S7                                 | For communications (socket)                        |
| Sealed T-branch Connector                   |   | DCN2-1                                    | For 1 branch line                                  |
| Sealed Connector with Terminating Resistor  |   | DRS2-1                                    | Plug   |
|   |   | DRS2-2                                    | Socket   |
| Cables with Sealed Connectors               |   | DCA1-5CNC5W1                              | Length (L): 0.5 m                                  |
|   |   | DCA1-5CN01W1                              | Length (L): 1 m                                    |
|   |   | DCA1-5CN02W1                              | Length (L): 2 m                                    |
|   |   | DCA1-5CN03W1                              | Length (L): 3 m                                    |
|   |   | DCA1-5CN05W1                              | Length (L): 5 m                                    |
|   |   | DCA1-5CN10W1                              | Length (L): 10 m                                   |
|   |   | DCA1-5CNC5F1                              | Length (L): 0.5 m                                  |
|   |   | DCA1-5CN01F1                              | Length (L): 1 m                                    |
|   |   | DCA1-5CN02F1                              | Length (L): 2 m                                    |
|   |   | DCA1-5CN03F1                              | Length (L): 3 m                                    |
|   |   | DCA1-5CN05F1                              | Length (L): 5 m                                    |
|   |   | DCA1-5CN10F1                              | Length (L): 10 m                                   |
|   |   | DCA1-5CNC5H1                              | Length (L): 0.5 m                                  |
|   |   | DCA1-5CN01H1                              | Length (L): 1 m                                    |
|   |   | DCA1-5CN02H1                              | Length (L): 2 m                                    |
| Shielded Panel-mounting Connectors (female) |   | DCA1-5CNC5P1                              | Panel-mounting connector (socket) with 0.5-m cable |
|   |   | XS2P-D522-2                               | Panel-mounting connector socket                    |
|   |   | Shielded Panel-mounting Connectors (male) |  |
| XS2M-D524-4                                 | Panel-mounting connector (plug) with solder-cup terminals |   |  |
| Waterproof cover (for socket)               |   | XS2Z-22                                   | Used to cover an unused connector section          |
| Dust cover (for socket)                     |   | XS2Z-15                                   |  |

● Environment-resistive Models (for Thin Wires and M12 Micro Connectors) 

| Product                                   | Appearance  | Model        | Specifications       |
|---|---|--------------|----------------------|
| Sealed T-branch Connector                 |    | DCN2-1S      | For 1 branch line    |
| Sealed Assembling type Connector (female) |    | DRS2-1S      | Plug                 |
|   |   | DRS2-2S      | Socket               |
| Connectors with Shielded Cables           |    | DCA1-5CSC5W1 | Length (L): 0.5 m    |
|   |   | DCA1-5CS01W1 | Length (L): 1 m      |
|   |   | DCA1-5CS02W1 | Length (L): 2 m      |
|   |   | DCA1-5CS03W1 | Length (L): 3 m      |
|   |   | DCA1-5CS05W1 | Length (L): 5 m      |
|   |   | DCA1-5CS10W1 | Length (L): 10 m     |
|   |    | DCA1-5CSC5F1 | Length (L): 0.5 m    |
|   |   | DCA1-5CS01F1 | Length (L): 1 m      |
|   |   | DCA1-5CS02F1 | Length (L): 2 m      |
|   |   | DCA1-5CS03F1 | Length (L): 3 m      |
|   |   | DCA1-5CS05F1 | Length (L): 5 m      |
|   |   | DCA1-5CS10F1 | Length (L): 10 m     |
|   |    | DCA1-5CSC5H1 | Length (L): 0.5 m    |
|   |   | DCA1-5CS01H1 | Length (L): 1 m      |
|   |   | DCA1-5CS02H1 | Length (L): 2 m      |
|   |   | DCA1-5CS03H1 | Length (L): 3 m      |
|   |   | DCA1-5CS05H1 | Length (L): 5 m      |
|   |   | DCA1-5CS10H1 | Length (L): 10 m     |
| Shielded Branch Relay Box                 |  | DCN2-S4C5H1  | 4 ports, 0.5-m cable |
|   |  | DCN2-S8C5H1  | 8 ports, 0.5-m cable |

● Environment-resistive Models for Thick Wires with 7/8-16UN Mini Connectors

| Product                                    | Appearance  | Model   | Specifications  |                  |  |  |
|--|---|---|---|------------------|--|--|
| Sealed T-branch Connector                  |    | DCN3-11   | T-branch Connector  |                  |  |  |
|  |    | DCN3-12   | T-branch Connector (Branch connector is M12.)                                       |                  |  |  |
| Sealed Connector with Terminating Resistor |    | DRS3-1  | Plug  |                  |  |  |
| Cables with Sealed Connectors              |    |    | DCA2-5CN01W1  | Length (L): 1 m  | Cable with connectors on both ends       |  |
|  |   |    | DCA2-5CN02W1  | Length (L): 2 m  |  |  |
|  |   |    | DCA2-5CN05W1  | Length (L): 5 m  |  |  |
|  |   |    | DCA2-5CN10W1  | Length (L): 10 m |  |  |
|  |    |    | DCA2-5CN01F1  | Length (L): 1 m  | Cable with connector on one end (socket) |  |
|  |   |    | DCA2-5CN02F1  | Length (L): 2 m  |  |  |
|  |   |    | DCA2-5CN05F1  | Length (L): 5 m  |  |  |
|  |   |    | DCA2-5CN10F1  | Length (L): 10 m |  |  |
|  |    |    | DCA2-5CN01H1  | Length (L): 1 m  | Cable with connector on one end (plug)   |  |
|  |   |    | DCA2-5CN02H1  | Length (L): 2 m  |  |  |
|  |   |    | DCA2-5CN05H1  | Length (L): 5 m  |  |  |
|  |   |    | DCA2-5CN10H1  | Length (L): 10 m |  |  |
|  |   |  |  | DCA1-5CN01W5     | Length (L): 1 m                          | Cable with connectors on both ends<br>Thin cable<br>M12 socket |
|  |   |   |  | DCA1-5CN02W5     | Length (L): 2 m                          |  |
|  |   |   |  | DCA1-5CN05W5     | Length (L): 5 m                          |  |
|  |   |   |  | DCA1-5CN10W5     | Length (L): 10 m                         |  |
| Panel-mounting Connector (female)          |  | DCA2-5CNC5P1  | Panel-mounting connector (socket) with 0.5-m cable                                  |                  |  |  |
| Panel-mounting Connector (male)            |  | DCA2-5CNC5M1  | Panel-mounting connector (plug) with 0.5-m cable                                    |                  |  |  |
| Panel-mounting Connector (male)            |  | XS4M-D521-1   | Panel-mounting connector (plug)<br>DIP terminals                                    |                  |  |  |
| Waterproof Cap (for Plug)                  | -   | XS4Z-11   | Used to cover an unused connector section.  |                  |  |  |
| Waterproof Cap (for Socket)                | -   | XS4Z-12   |   |                  |  |  |

## Specifications

### ● Environment-resistive Connection Products (for Thin Cable, M12 Micro Connectors)

| Type                            | Connectors with Cables<br>DCA1-5CN□□□1  | T-branch Connector<br>DCN2-1 | Assembling-type Connector<br>XS2□-D5S7 | Connectors with Terminating Resistor<br>DRS2-□ |
|---------------------------------|---|------------------------------|--|--|
| Rated current                   | 3 A   |                              |  |  |
| Rated voltage                   | 125 VDC   |                              |  |  |
| Contact resistance (connector)  | 40 mΩ max. (at 20 mVDC max. and 100 mA max.)  |                              |  |  |
| Insulation resistance           | 1,000 MΩ min. (at 500 VDC)  |                              |  |  |
| Dielectric strength (connector) | 1,500 VAC for 60 seconds (leakage current: 1 mA max.)   |                              |  |  |
| Ambient operating temperature   | -20°C to 65°C   |                              |  |  |
| Storage temperature range       | -25°C to 70°C   |                              |  |  |
| Degree of protection            | IEC IP67  |                              |  |  |
| Insertion durability            | 200 times   |                              |  |  |
| Cable strength                  | 98 N for 15 s   | --                           |  |  |
| Vibration resistance            | No current interruptions of more than 1 μs while performing simple vibrations at either 10 to 500 Hz with 1.52-mm full amplitude or at acceleration 100 m/s <sup>2</sup> , whichever is smaller |                              |  |  |

### ● Environment-resistive Models (for Thin Wires and M12 Micro Connectors)

| Type                            | Connectors with Cables<br>DCA1-5CS□□□1  | T-branch Connector<br>DCN2-1S | Connectors with Terminating Resistor<br>DRS2-□S | Branch Relay Box<br>DCN2-S□C5H |
|---------------------------------|---|-------------------------------|---|--------------------------------|
| Rated current                   | 3 A   |                               |   |                                |
| Rated voltage                   | 125 VDC   |                               |   |                                |
| Contact resistance (connector)  | 40 mΩ max. (at 20 mVDC max. and 100 mA max.)  |                               |   |                                |
| Insulation resistance           | 1,000 MΩ min. (at 500 VDC)  |                               |   |                                |
| Dielectric strength (connector) | 1,500 VAC for 60 seconds (leakage current: 1 mA max.)   |                               |   | 1,000 VAC for 60 seconds       |
| Ambient operating temperature   | -20°C to 65°C   |                               |   |                                |
| Storage temperature range       | -25°C to 70°C   |                               |   |                                |
| Degree of protection            | IEC IP67  |                               |   |                                |
| Insertion durability            | 200 times   |                               |   |                                |
| Cable strength                  | 98 N for 15 s   | --                            |   |                                |
| Vibration resistance            | No current interruptions of more than 1 μs while performing simple vibrations at either 10 to 500 Hz with 1.52-mm full amplitude or at acceleration 100 m/s <sup>2</sup> , whichever is smaller |                               |   |                                |
| Lock strength                   | Pulling: 100 N/15 s, Rotating: 1 N·m/15 s   |                               |   |                                |
| Lock force                      | 0.1 to 0.25 N·m   |                               |   |                                |

### ● Environment-resistive Models for Thick Wires with 7/8-16UN Mini Connectors

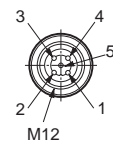
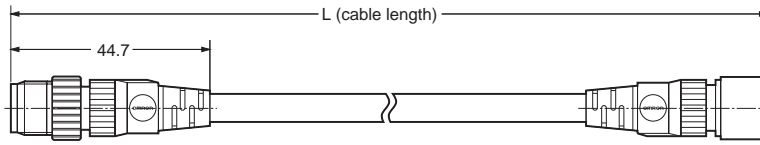
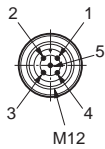
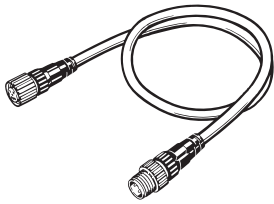
| Type                            | Connectors with Thick Cables<br>DCA2-5CN□□□1  | Connectors with Thin Cables<br>DCA1-5CN□□□W5 | T-branch Connector<br>DCN3-11 | T-branch Connector<br>DCN3-12 | Connectors with Terminating Resistor<br>DRS3-1 | Panel Mounting Connector<br>DCA2-5CNC5P1 | Panel Mounting Connector<br>XS4M-D521-1 |
|---------------------------------|---|--|-------------------------------|-------------------------------|--|--|---|
| Rated current                   | 8 A   | 3 A  | 8 A                           | 3 A *                         | 8 A  |  |   |
| Rated voltage                   | 125 VDC   |  |                               |                               |  |  |   |
| Contact resistance (connector)  | 30 mΩ max. (at 20 mVDC max. and 100 mA max.)  |  |                               |                               |  |  |   |
| Insulation resistance           | 1,000 MΩ min. (at 500 VDC)  |  |                               |                               |  |  |   |
| Dielectric strength (connector) | 1,500 VAC for 60 seconds (leakage current: 1 mA max.)   |  |                               |                               |  |  |   |
| Ambient operating temperature   | -20°C to 65°C   |  |                               |                               |  |  |   |
| Storage temperature range       | -25°C to 70°C   |  |                               |                               |  |  |   |
| Degree of protection            | IEC IP67  |  |                               |                               |  |  |   |
| Insertion durability            | 200 times   |  |                               |                               |  |  |   |
| Cable strength                  | 98 N for 15 s   |  |                               | --                            |  | 98 N for 15 s                            | --                                      |
| Vibration resistance            | No current interruptions of more than 1 μs while performing simple vibrations at either 10 to 500 Hz with 1.52-mm full amplitude or at acceleration 100 m/s <sup>2</sup> , whichever is smaller |  |                               |                               |  |  |   |

\* The rated current between thick wires is 8 A.

## Dimensions

### ● Environment-resistive Connection Products (for Thin Cable, M12 Micro Connectors)

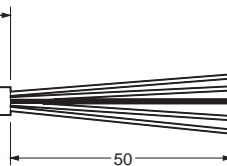
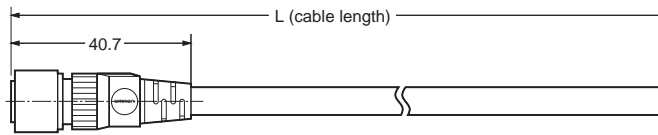
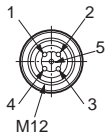
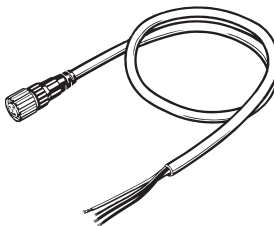
#### Cables with Connectors on Both Ends DCA1-5CN□□W1



#### Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

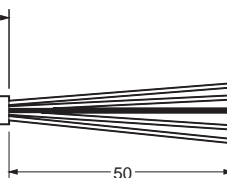
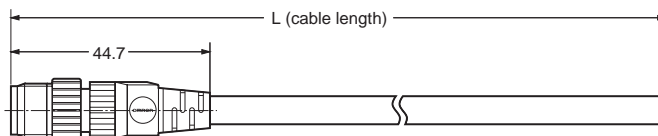
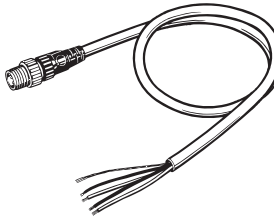
#### Cables with Connector on Single End (Socket) DCA1-5CN□□F1



#### Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

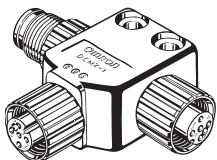
#### Cables with Connector on Single End (Plug) DCA1-5CN□□H1



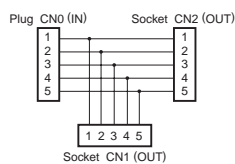
#### Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

#### T-branch Connector DCN2-1

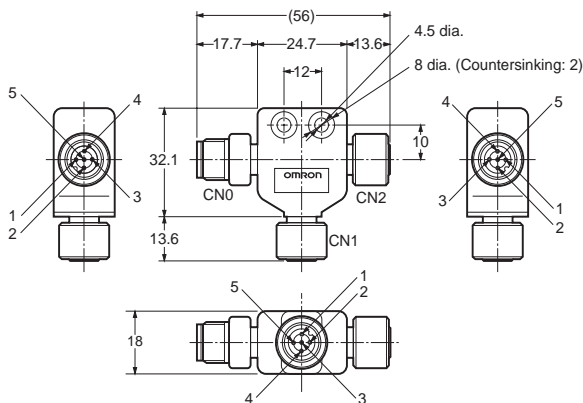


#### Connections Diagram



#### Wiring

| Terminal No. | Name   |
|--------------|--------|
| 1            | SHIELD |
| 2            | V+     |
| 3            | V-     |
| 4            | CAN H  |
| 5            | CAN L  |



#### Connectors with Terminating Resistance

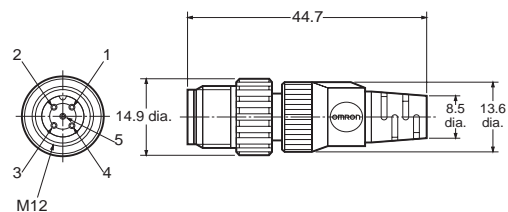
##### DRS2-1 (Plug) DRS2-2 (Socket)



#### Wiring

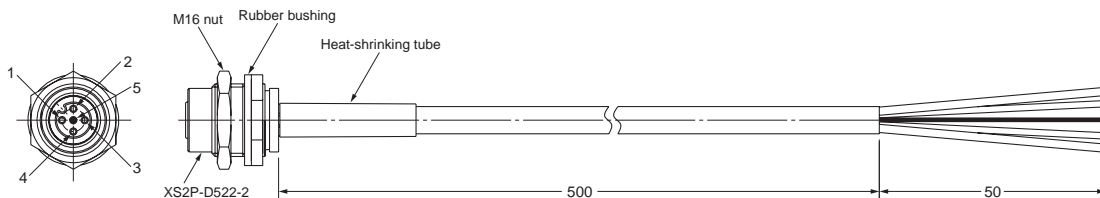
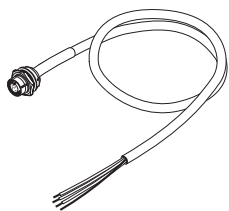
| Terminal No. | Name                      |
|--------------|---------------------------|
| 1            | DRAIN : NC                |
| 2            | V+ : NC                   |
| 3            | V- : NC                   |
| 4            | CAN H : $\sim 121 \Omega$ |
| 5            | CAN L : $\sim 121 \Omega$ |

**Note:** Terminating resistance (121  $\Omega$ ) is connected between terminals 4 and 5.



**Note:** The diagram shows the DRS2-1 (plug).

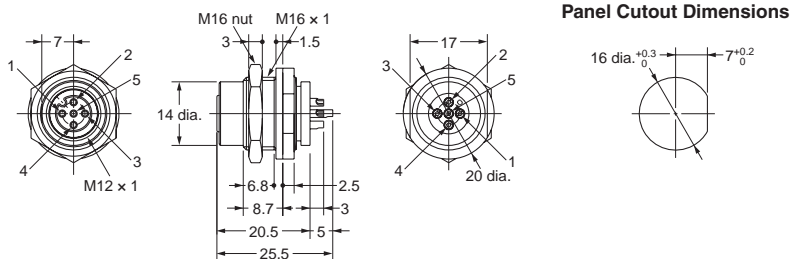
**Panel-mounting Connector (Socket) with 0.5 m Cable**  
**DCA1-5CNC5P1**



**Wiring**

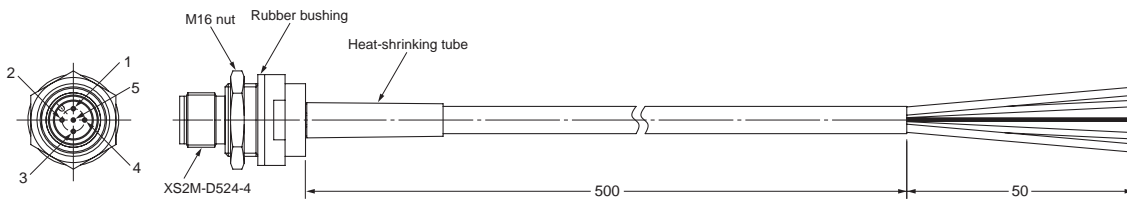
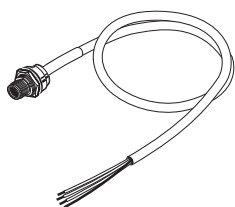
| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

**Panel-mounting Connector (Socket), Solder-cup Terminals**  
**XS2P-D522-2**



**Panel Cutout Dimensions**

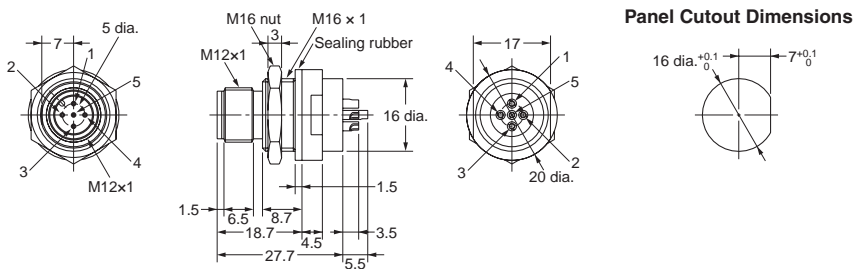
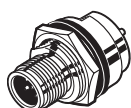
**Panel-mounting Connector (Plug) with 0.5 m Cable**  
**DCA1-5CNC5M1**



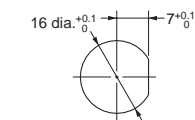
**Wiring**

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

**Panel-mounting Connector (Socket), Solder-cup Terminals**  
**XS2M-D524-4**



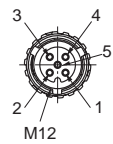
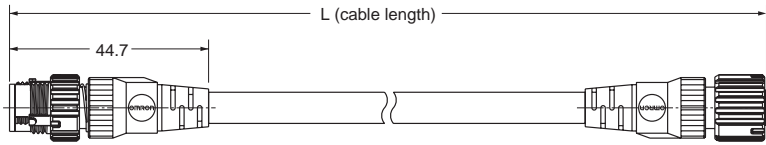
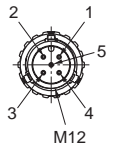
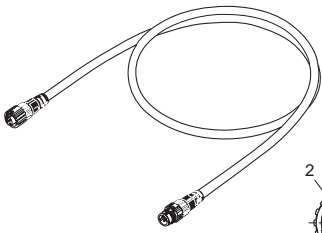
**Panel Cutout Dimensions**





● Environment-resistive Models (for Thin Wires and M12 Micro Connectors)

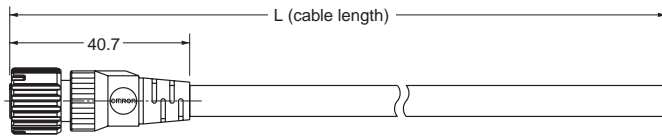
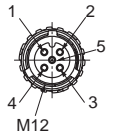
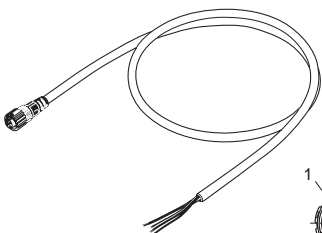
Cables with Connectors on Both Ends  
DCA1-5CS□□W1



Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

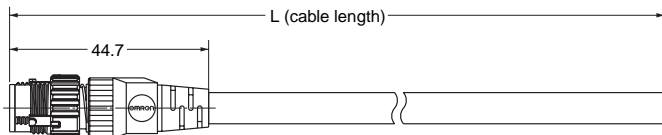
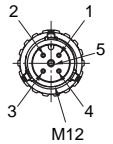
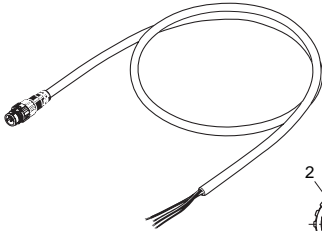
Cables with Connector on Single End (Socket)  
DCA1-5CS□□F1



Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

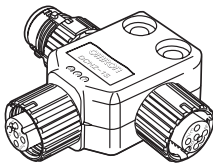
Cables with Connector on Single End (Plug)  
DCA1-5CS□□H1



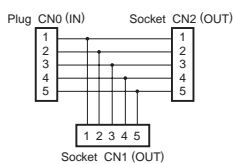
Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

T-branch Connector  
DCN2-1S

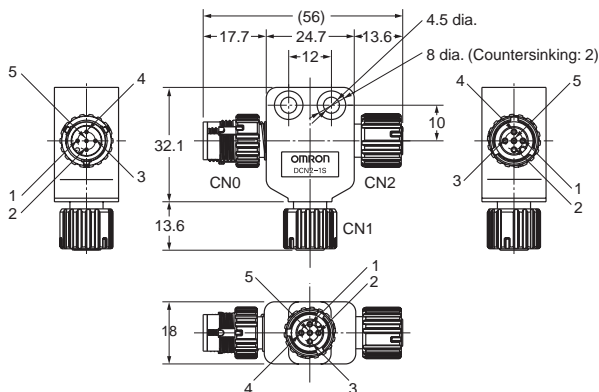


Connections Diagram



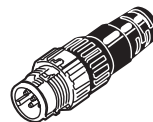
Wiring

| Terminal No. | Name   |
|--------------|--------|
| 1            | SHIELD |
| 2            | V+     |
| 3            | V-     |
| 4            | CAN H  |
| 5            | CAN L  |



Connectors with Terminating Resistance

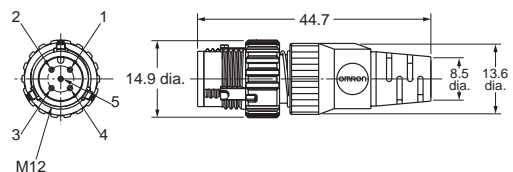
DRS2-1S (Plug)  
DRS2-2S (Socket)



Wiring

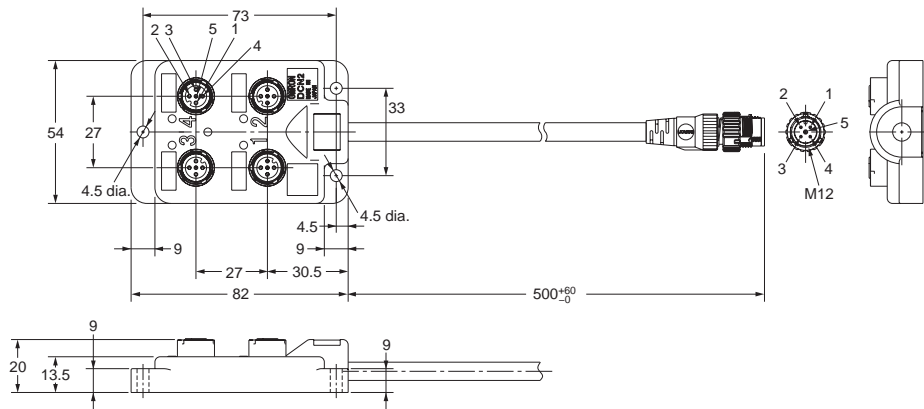
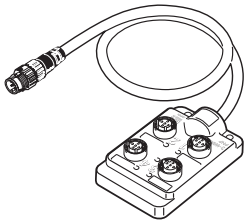
| Terminal No. | Name                               |
|--------------|------------------------------------|
| 1            | DRAIN : NC                         |
| 2            | V+ : NC                            |
| 3            | V- : NC                            |
| 4            | CAN H : $\rightarrow$ 121 $\Omega$ |
| 5            | CAN L : $\rightarrow$ 121 $\Omega$ |

Note: Terminating resistance (121  $\Omega$ ) is connected between terminals 4 and 5.

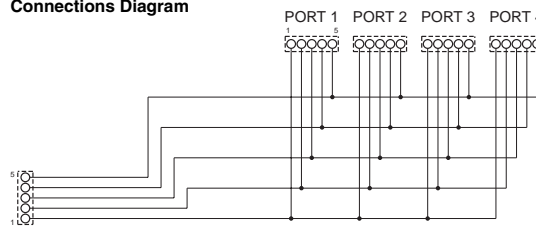


Note: The diagram shows the DRS2-1 (plug).

**Shielded Branch Relay Box with Four Ports**  
DCN2-S4C5H1



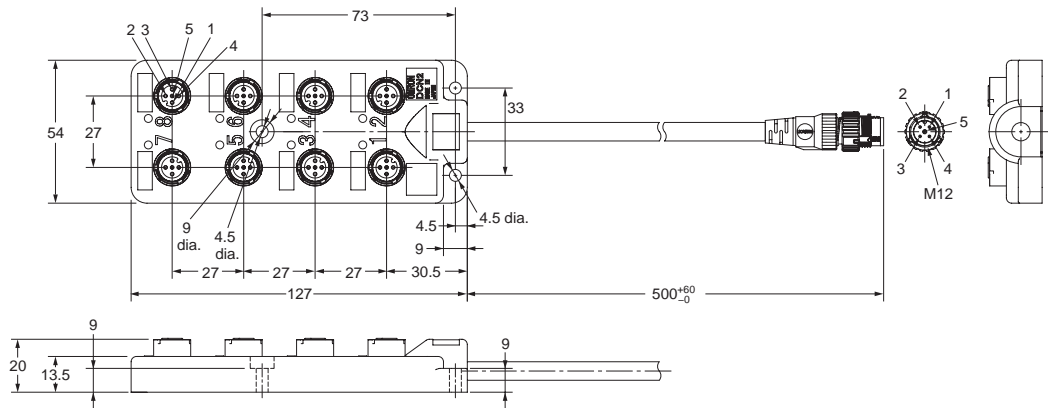
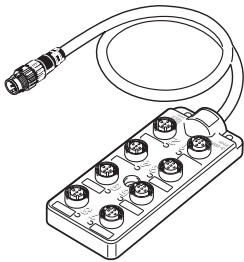
**Connections Diagram**



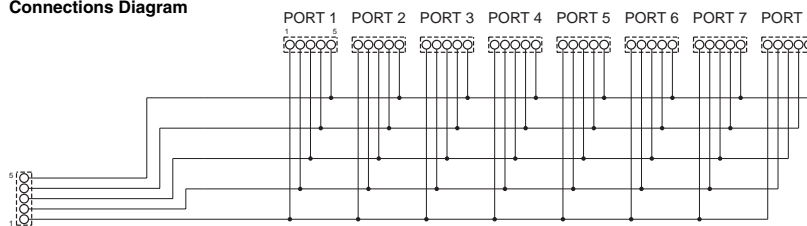
**Wiring**

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

**Shielded Branch Relay Box with Eight Ports**  
DCN2-S8C5H1



**Connections Diagram**

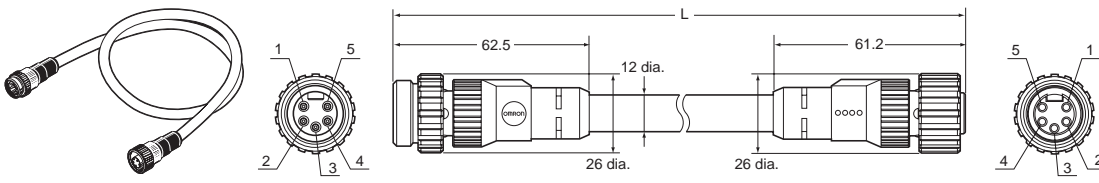


**Wiring**

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

● Environment-resistive Models for Thick Wires with 7/8-16UN Mini Connectors

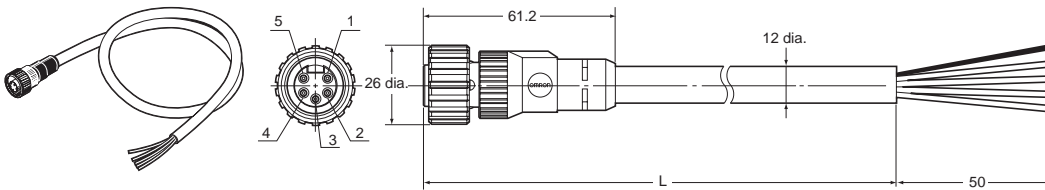
Thick Cable with Connectors on Both Ends (5 Conductors for Communications)  
DCA2-5CN□□W1



Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

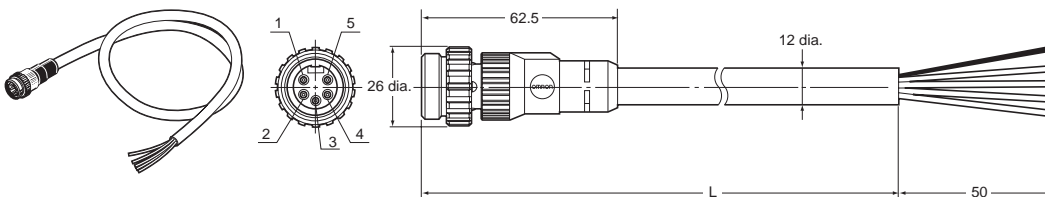
Thick Cable with Connector Socket on One End (5 Conductors for Communications)  
DCA2-5CN□□F1



Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

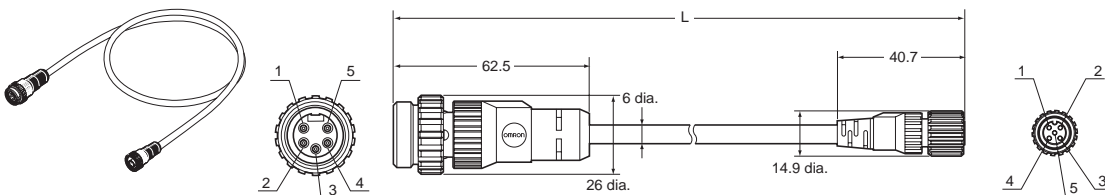
Thick Cable with Connector Plug on One End (5 Conductors for Communications)  
DCA2-5CN□□H1



Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

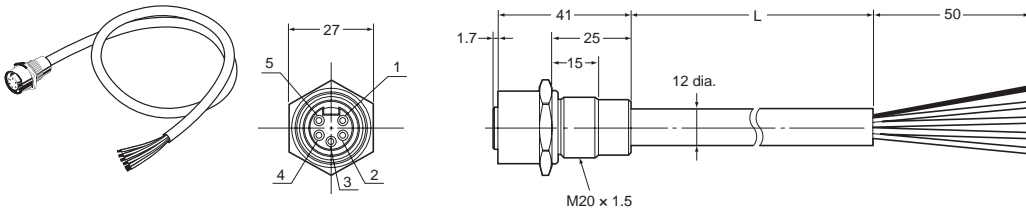
Thin Cable with Connectors on Both Ends (5 Conductors for Communications)  
DCA1-5CN□□W5



Wiring

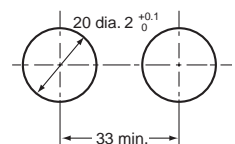
| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

Thin Cable with Panel-mounting Connector Socket on One End (5 Conductors for Communications)  
DCA2-5CNC5P1



Note: A rubber seal and nut for panel mounting are included.

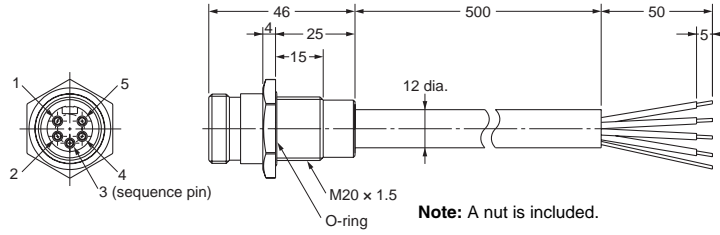
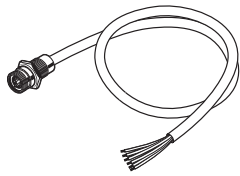
Panel Cutout Dimensions



Wiring

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

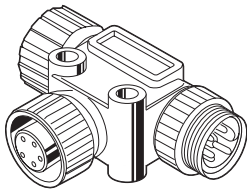
**Panel-mounting Connector (Plug) with 0.5 m Cable  
DCA2-5CNC5M1**



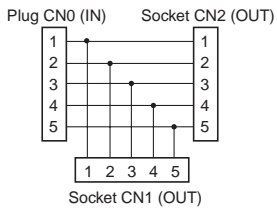
**Wiring**

| Terminal No. | Color | Name  |
|--------------|-------|-------|
| 1            | -     | DRAIN |
| 2            | Red   | V+    |
| 3            | Black | V-    |
| 4            | White | CAN H |
| 5            | Blue  | CAN L |

**T-branch Connector (5 Conductors for Communications,  
Thick Wire Branch Line)  
DCN3-11**

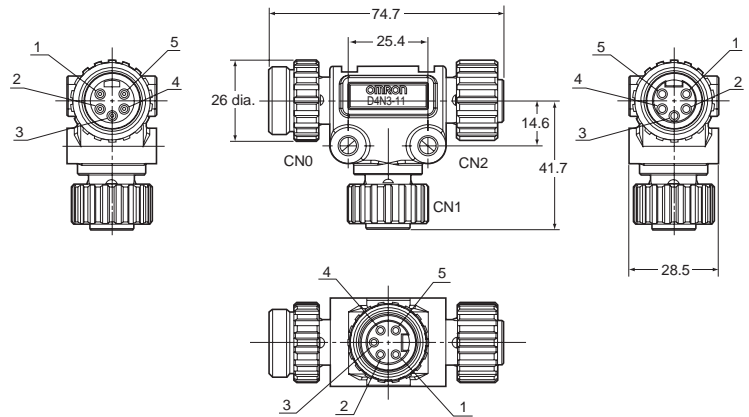


**Connections Diagram**

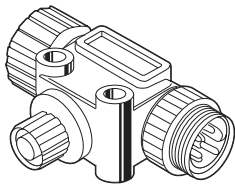


**Wiring**

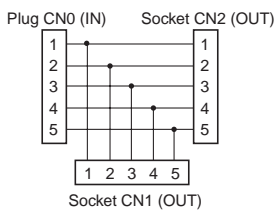
| Terminal No. | Name  |
|--------------|-------|
| 1            | DRAIN |
| 2            | V+    |
| 3            | V-    |
| 4            | CAN H |
| 5            | CAN L |



**T-branch Connector (5 Conductors for Communications,  
Thin Wire Branch Line)  
DCN3-12**

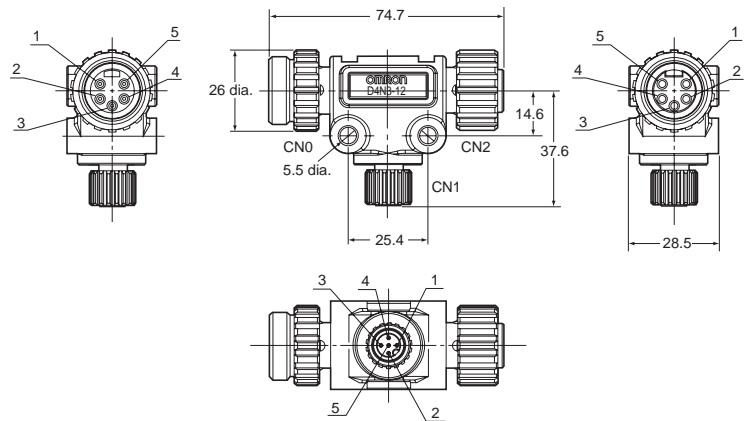


**Connections Diagram**

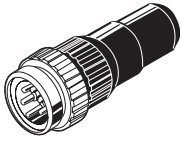


**Wiring**

| Terminal No. | Name  |
|--------------|-------|
| 1            | DRAIN |
| 2            | V+    |
| 3            | V-    |
| 4            | CAN H |
| 5            | CAN L |



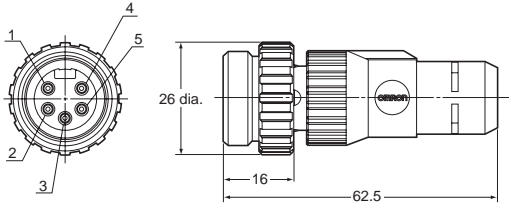
**Connector (Plug) with Terminating Resistance  
DRS3-1**



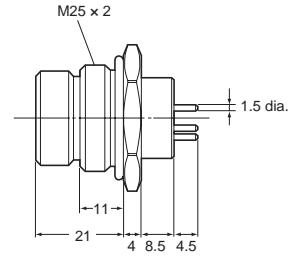
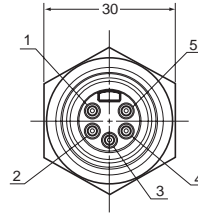
**Wiring**

| Terminal No. | Name           |
|--------------|----------------|
| 1            | DRAIN : NC     |
| 2            | V+ : NC        |
| 3            | V- : NC        |
| 4            | CAN H :  121 Ω |
| 5            | CAN L :  121 Ω |

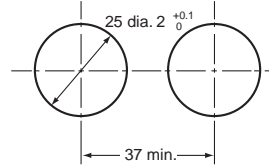
**Note:** Terminating resistance (121 Ω) is connected between terminals 4 and 5.



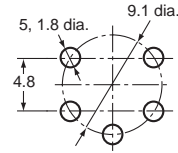
**Panel-mounting Connector (5 Pins for Communications)  
XS4M-D521-1**



**Panel Cutout Dimensions**



**PCB Processing Dimensions**

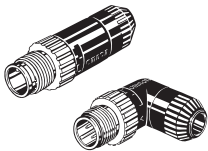


**Note:** A rubber seal and nut for panel mounting are included.

# I/O Peripheral Devices


## Applicable Connectors

### ● Assembly Connector Plugs for M12 Microconnectors

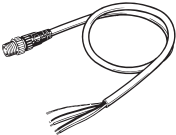
| Appearance  | Applicable cable diameter (mm) | Cable direction | Number of poles | Connection method |           |           |
|---|--------------------------------|-----------------|-----------------|-------------------|-----------|-----------|
|   |                                |                 |                 | Crimping          | Soldering | Screws    |
|  | For 6 dia. (5 to 6 dia.)       | Straight        | 4               | XS2G-D4C1         | XS2G-D421 | XS2G-D4S1 |
|   |                                | L-shaped        |                 | --                | XS2G-D422 | XS2G-D4S2 |
|   | For 5 dia. (4 to 5 dia.)       | Straight        |                 | XS2G-D4C3         | XS2G-D423 | XS2G-D4S3 |
|   |                                | L-shaped        |                 | --                | XS2G-D424 | XS2G-D4S4 |
|   | For 3 dia. (3 to 4 dia.)       | Straight        |                 | XS2G-D4C5         | XS2G-D425 | XS2G-D4S5 |
|   |                                | L-shaped        |                 | --                | XS2G-D426 | XS2G-D4S6 |
|   | For 7 dia. (6 to 7 dia.)       | Straight        |                 | --                | --        | XS2G-D4S9 |
|   | For 8 dia. (7 to 8 dia.)       |                 |                 | --                | --        | XS2G-D4S7 |

## Applicable Cables with Connectors

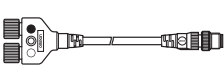
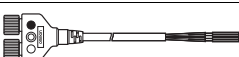

### ● Cables with Connector (Socket/Plug) on Both Ends (M12 Microconnectors for Power Supply and I/O)

| Appearance   | Cable direction   | Number of core wires | Cable length (m) | Standard cable  | Robot (earthquake-resistant) cable |
|--|-------------------|----------------------|------------------|-----------------|------------------------------------|
|  | Straight/Straight | 4                    | 1                | XS2W-D421-C81-A | XS2W-D421-C81-R                    |
|  |                   |                      | 2                | XS2W-D421-D81-A | XS2W-D421-D81-R                    |
|  |                   |                      | 5                | XS2W-D421-G81-A | XS2W-D421-G81-R                    |
|  | L-shaped/L-shaped |                      | 2                | XS2W-D422-D81-A | --                                 |
|  |                   |                      | 5                | XS2W-D422-G81-A |                                    |
|  |                   |                      | 2                | XS2W-D423-D81-A |                                    |
|  | Straight/L-shaped |                      | 5                | XS2W-D423-G81-A |                                    |
|  |                   |                      | 2                | XS2W-D424-D81-A |                                    |
|  | L-shaped/Straight |                      | 5                | XS2W-D424-G81-A |                                    |

### ● Cables with connector plug on One End (M12 Microconnectors for I/O)


| Appearance  | Cable direction | Number of core wires | Cable length (m) | Standard cable  |
|---|-----------------|----------------------|------------------|-----------------|
|  | Straight        | 3                    | 0.3              | XS2H-D421-AC0-A |
|   |                 | 4                    |                  | XS2H-D421-A80-A |
|   |                 | 3                    | 1                | XS2H-D421-CC0-A |
|   |                 | 4                    |                  | XS2H-D421-C80-A |

### ● Plugs and Sockets on Y-shaped Joints (M12 Microconnectors for I/O)

| Appearance  | Cable         | Connector               | DC models        |                 |
|---|---------------|-------------------------|------------------|-----------------|
|   |               |                         | Cable length (m) | Model           |
|  | With cable    | Connectors on both ends | 0.5              | XS2R-D426-B11-F |
|   |               |                         | 1                | XS2R-D426-C11-F |
|   |               |                         | 2                | XS2R-D426-D11-F |
|   |               |                         | 3                | XS2R-D426-E11-F |
|  |               | Connector on one end    | 2                | XS2R-D426-D10-F |
|   |               |                         | 5                | XS2R-D426-G10-F |
|  | Without cable | Connectors on both ends | --               | XS2R-D426-1     |

Note: Use is supported only for Environment-resistive Terminals (DRT2-□D16C(L)(-1)).


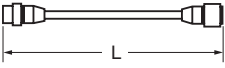

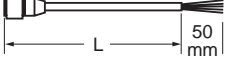

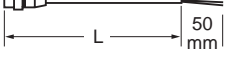
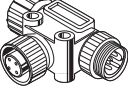


### ● Connector Cover for M12 Microconnectors

| Appearance  | Product                   | Model   | Application                        |
|---|---------------------------|---------|------------------------------------|
|  | Waterproof cover (socket) | XS2Z-22 | For covering unused I/O connectors |

**Power Supply Peripheral Devices**

**Applicable Cables with Connectors**

● Power Supply Connectors (7/8-16UN Miniconnectors)

| Appearance   | Product   | Cable length L (mm) | Model           |
|--|---|---------------------|-----------------|
|   |  | 1                   | XS4W-D421-101-A |
|  |   | 2                   | XS4W-D421-102-A |
|  |   | 5                   | XS4W-D421-105-A |
|  |   | 10                  | XS4W-D421-110-A |
|   |  | 1                   | XS4F-D421-101-A |
|  |   | 2                   | XS4F-D421-102-A |
|  |   | 5                   | XS4F-D421-105-A |
|  |   | 10                  | XS4F-D421-110-A |
|   |  | 1                   | XS4H-D421-101-A |
|  |   | 2                   | XS4H-D421-102-A |
|  |   | 5                   | XS4H-D421-105-A |
|  |   | 10                  | XS4H-D421-110-A |
|   | T-branch Connector  | --                  | XS4R-D424-5     |
|   | Panel mounting connector socket<br>Cable: 50 cm                                   | --                  | XS4P-D421-1C5-A |
|  | Panel mounting connector plug<br>DIP terminals                                    | --                  | XS4M-D421-1     |
| -  | Waterproofing Cap for Plug  | --                  | XS4Z-11         |
| -  | Waterproofing Cap for Socket  | --                  | XS4Z-12         |

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