# CA-12F1N8A85DU - Cable connector

1619631

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M23, Cable connector, series: CA, straight, shielded: yes, Screw locking mechanism, No. of pos. : 12, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243720

## Your advantages

- · Safe use in the field, thanks to high degree of protection
- · Connector for flexible on-site assembly
- · Consistent EMC protection for reliable connection solutions in the industrial environment
- · Crimping connection: vibration- and temperature-resistant assembly

### Commercial data

Item number	1619631
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEA
Catalog page	Page 110 (C-2-2019)
GTIN	4046356822473
Weight per piece (including packing)	95.2 g
Weight per piece (excluding packing)	91.6 g
Customs tariff number	85366990
Country of origin	DE

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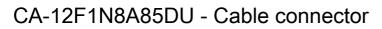
## Technical data

Seal material

|--|

otes	
General	Order crimp contacts Ø 1 mm separately
oduct properties	
Product type	Circular connector (cable-side)
onnector	
Connection 1	
Head design	Socket
Insulating body	
Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulation body material	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Feedback, signal
	Signal
Number of positions	12
Direction of rotation	Standard
Connection profile	12
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.06 mm <sup>2</sup>
Litz wire cross-section Signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Rated voltage Signal contact	48 V AC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Housing	
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD- Zn)
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23
Seal	
External cable diameter	3 mm 14.5 mm

FPM



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### Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)

-40 °C ... 125 °C

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