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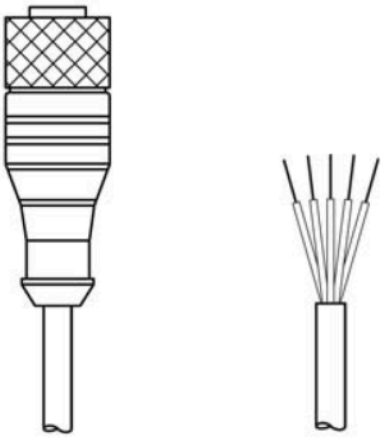


Figure can vary

Part no.: 678057
CB-M12-15000E-5GF
Connection cable

IP 67 IP 65 c UL us LISTED

Contents

- Technical data
- Electrical connection
- Accessories

Technical data

Electrical data	
Insulation grade	Category 2
Insulation grade	IEC 60644-1
Performance data	
Operating voltage	Max. 60 V AC/DC

Connection	
Connection 1	
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	A-coded
Design	Axial
Operating current per contact	4 A
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking
Connection 2	
Type of connection	Open end
Cable properties	
Number of conductors	5 Piece(s)
Wire cross section	0.34 mm²
AWG	22
Sheathing color	Black
Shielded	Yes
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	6.3 mm
Cable length	15,000 mm
Sheathing material	PUR
Wire insulation	PP
Properties of the outer sheathing	Free of CFC, cadmium, silicone, halogen and lead, matt, low-adhesion, abrasion-resistant, easily machine-processable
Resistance of the outer sheathing	Hydrolysis and microbe resistant, good oil, gasoline and chemical resistance in accordance with VDE 0472 part 803 test B, flame re-tardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2

Mechanical data	
Width across flats	13 mm
Bending radius, flexible laying, min.	Min. 15 x cable diameter
Bending radius, stationary laying, min.	Min. 10 x cable diameter

Environmental data	
Ambient temperature, operation, flexible use	-25 ... 80 °C
Ambient temperature, operation, stationary use	-50 ... 80 °C

Certifications

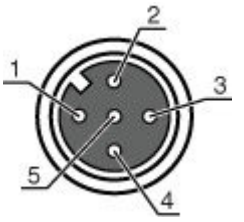
Certifications	UL c UL US

Classification	
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855

Electrical connection

Connection 1	
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	A-coded
Design	Axial
Operating current per contact	4 A
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Pin	Conductor color
1	Brown
2	White
3	Blue
4	Black
5	Gray



Connection 2	
Type of connection	Open end

Accessories

General

	Part no.	Designation	Article	Description
	50132266	TT-Set 0,6-13	Tool	Type: Torque key Width across flats: 13 mm Torque: 0.6 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C