



**Part no.: 678050**  
**CB-M12-5000E-5GM**  
**Connection cable**

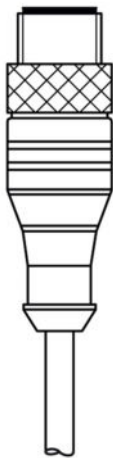


Figure can vary

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Part no.: 678050 – CB-M12-5000E-5GM – Connection cable

## Technical data

<b>Electrical data</b>	
Insulation grade	Category 2
Insulation grade	IEC 60644-1

<b>Connection</b>	
<b>Connection 1</b>	
Type of connection	Connector
Thread size	M12
Type	Male
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
<b>Connection 2</b>	
Type of connection	Open end
<b>Cable properties</b>	
Number of conductors	5 Piece(s)
Wire cross section	0.34 mm <sup>2</sup>
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	5,000 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 retardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2

<b>Mechanical data</b>	
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

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

<b>Certifications</b>	
Certifications	UL c UL US
UL file number	E366145

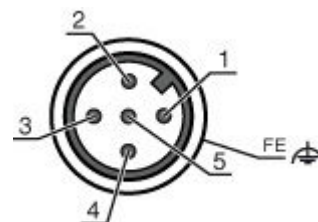
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### Classification

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	Male
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

## 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