

ITEM 100180 C-M12F05-05X034PV05,0-M12M05-100180

Description	Technical data	Accessories	Downloads
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Features

- › M12 female plug to M12 plug connector, 5-pin
- › Straight female plug and plug connector
- › PVC cable
- › Cable length 5 m

Mechanical values and environment

Sheath material	PVC
Fire behavior	Flame retardant according to UL-Style 2464
Drag chain suitability	No
Ambient temperature	static -25 ... +80 °C Dynamic -5 ... +80 °C
Number of conductors	5
Type of cable	straight
Cable length	5 m
Cable diameter	

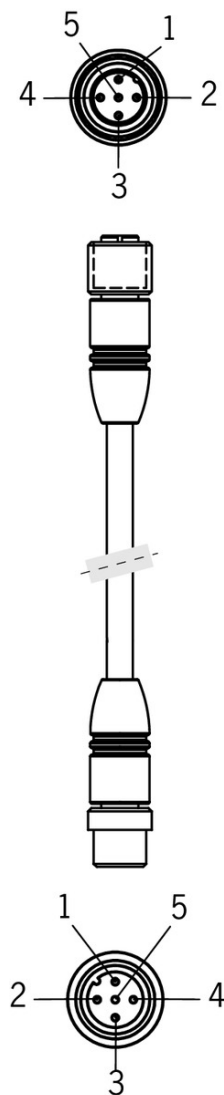
	Approx.	5,9 mm
Conductor cross-section		0.34 mm ²
Conductor identification		Color code
Sheath color		Black
Bending radius		
	static	5 x cable diameter
	Dynamic	15 x cable diameter
		Connection 1
Degree of protection		IP67 [1]
Insertion cycles		100
Insulating material group		I
Connection		Plug connectors M12x1
Connection type		Socket
Cable outlet		straight
Number of pins		5
Plug lock		Screw connection
Plug housing material		TPU
		Connection 2
Degree of protection		IP67 [2]
Insertion cycles		100
Insulating material group		I
Connection		Plug connectors M12x1
Connection type		Plug
Cable outlet		straight
Number of pins		5
Plug lock		Screw connection
Plug housing material		TPU

Electrical connection ratings

Nominal current		
	At 25° C	4 A
Rated surge voltage according to IEC 60664-1		1500 V
		Connection 1
Degree of contamination according to EN 60664-1		3
		Connection 2
Degree of contamination according to EN 60664-1		3

[1, 2] In the inserted state

Dimension drawing












Legende









- 1 = BN
- 2 = WH
- 3 = BU
- 4 = BK
- 5 = GY


Catalogs









- ✓ Light grids and light curtains LCA Barreras fotoeléctricas y cortinas fotoeléctricas LCA Barrières photoélectriques et rideaux lumineux LCA Lichtgitter und Lichtvorhänge LCA

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-  **Transpondercodierte Sicherheitsschalter - Verriegelungseinrichtungen und Zuhaltungen**
 Transponder-coded safety switches - Interlocking devices and guard locking devices
 Interruptores de seguridad con codificación por transponder - Dispositivos de enclavamiento y bloqueos
 Interrupteurs de sécurité à codage par transpondeur - Dispositifs de verrouillage et interverrouillages

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Interruptores de seguridad con codificación por transponder - Dispositivos de enclavamiento y bloqueos	137560	02-01/18		 5.2 MB
Transponder-coded safety switches - Interlocking devices and guard locking devices	127595	02-01/18		 5.1 MB

-  **Transpondercodierte Sicherheitssysteme mit externer Auswertung**
 Transponder-coded safety systems with external evaluation
 Sistemas de seguridad con codificación por transponder y evaluación externa
 Systèmes de sécurité à codage par transpondeur avec analyse externe

	Doc. no.	Version	Language	Download
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Sistemas de seguridad con codificación por transponder y evaluación externa	139969	02-01/18		 3.0 MB
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