

22260837	DATA SHEET	
Valid from: 25.01.2024	AB-C4-M12MS-(L*)PVC-M12FA	

Product description

- Sensor/actuator cable, 4-pol, PVC black
- Straight M12-plug on angled M12-jack



General characteristics

Number of pins	4
Ambient temperature	-25 °C to +90 °C (-13°F to 194°F) (plug / jack) -25 °C to +80 °C (-13°F to 176°F) (cable, fixed installation) -10 °C to +80 °C (14°F to 176°F) (cable, movable installation)
Degree of protection	IP65 / IP67 / IP68
Coding	A-standard
Tightening torque	0,4 Nm (M12-connector)
Plugging cycles	≥ 100

Variation

Article number	Description	Length [m]	Configuration
22260837	AB-C4-M12MS-1,0PVC-M12FA	1	straight – angled
22260832	AB-C4-M12MS-2,0PVC-M12FA	2	straight – angled
22260830	AB-C4-M12MS-3,0PVC-M12FA	3	straight – angled
22260831	AB-C4-M12MS-4,0PVC-M12FA	4	straight – angled
22260705	AB-C4-M12MS-5,0PVC-M12FA	5	straight – angled
22260835	AB-C4-M12MS-6,0PVC-M12FA	6	straight – angled
22260707	AB-C4-M12MS-7,0PVC-M12FA	7	straight – angled
22260834	AB-C4-M12MS-8,0PVC-M12FA	8	straight – angled
22260708	AB-C4-M12MS-9,0PVC-M12FA	9	straight – angled
22260833	AB-C4-M12MS-10,0PVC-M12FA	10	straight – angled
22262204	AB-C4-M12MS-15,0PVC-M12FA	15	straight – angled
22262205	AB-C4-M12MS-20,0PVC-M12FA	20	straight – angled

Additional note

Data sheet also valid for variant lengths. Other lengths on request.

Electrical properties

Rated voltage	250 V
Rated current	4 A
Overvoltage category	II
Pollution degree	3

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Mechanical properties

Plug, jack

Inflammability class in accordance with UL 94	HB
Contact, material	CuSn
Contact carrier, material	TPU GF
Contact surface, material	Ni/Au
Knurl, material	Zinc diecasting, nickel-plated
Handle, material	TPU, flame retardant, self-extinguishing
Seal, material	NBR

Line

Cable construction	4 x AWG22/42
Signal line, construction	42 x 0,1 mm
Conductor cross-section	0,34 mm ²
Conductor diameter including isolation	1,26 mm ± 0,05 mm
Cable outer diameter D	5,2 mm ± 0,15mm
Insulation color	brown, white, blue, black
Sheath color	black, RAL 9005
Minimum bending radius, fixed	5 x D
Minimum bending radius, movable installation	10 x D
Cable weight	40 kg/km
Outer coating, material	PVC
Wire insulation, material	PVC
Insulation resistance	≥ 200 GΩ*km (at 20 °C)
Conductor resistance	Max. 57 Ω/km (at 20 °C)
Flame resistance	acc. to UL-Style 2464
Oil resistance	acc. to DIN EN 60811-2-1, 168 h bei 90 °C

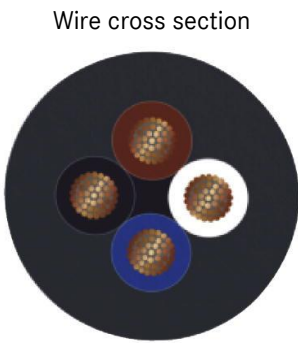
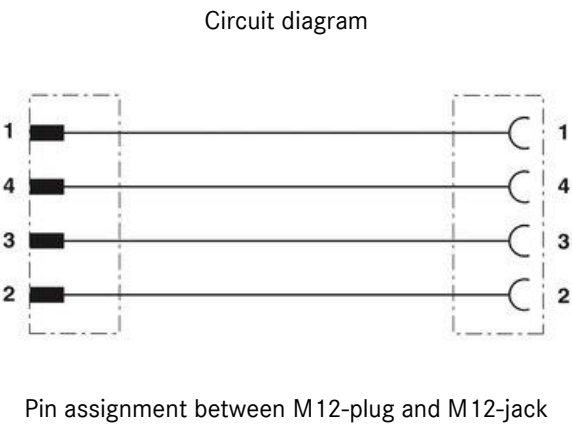
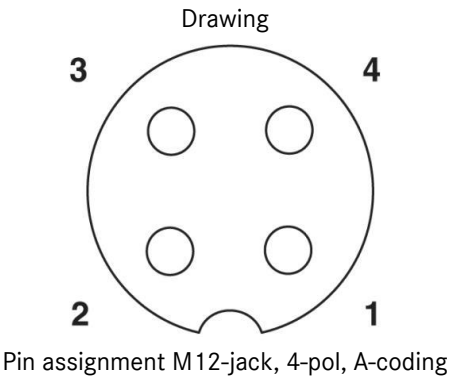
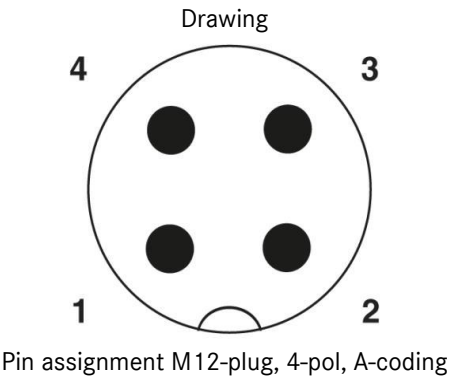
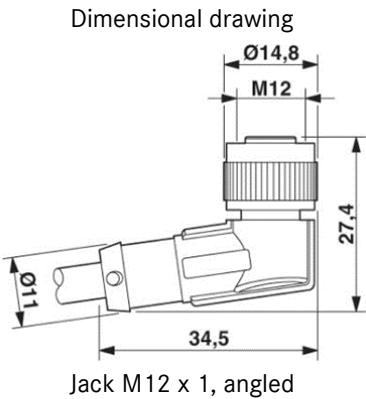
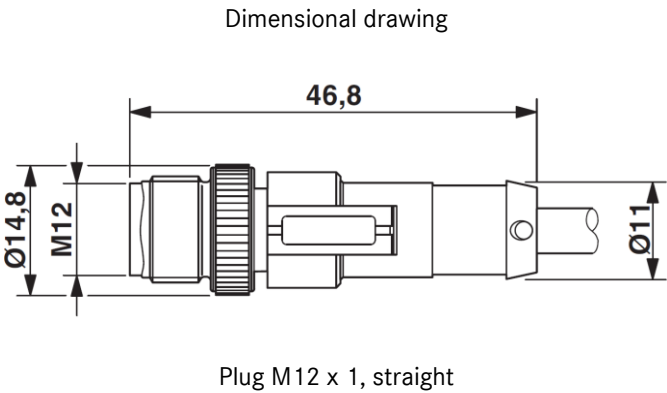
Standards

Product standard, M12 connector	IEC 61076-2-101
UL-Listed, E-File	E249137

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Technical drawing



Application range
 For medium mechanical load in the dry area

Note
 Photographs are not true to scale and do not represent detailed images of the respective products.