

22260847	DATA SHEET	
Valid from: 26.01.2024	AB-C3-M8MS-(L*)PVC	

Product description

- Sensor/actuator cable, 3-pol, PVC black
- Straight M8-plug on free conductor end



General characteristics

Number of pins	3
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	0,2 Nm (M8-connector)
Plugging cycles	≥ 100

Variation

Article number	Description	Length [m]	Configuration
22260847	AB-C3-M8MS-2,0PVC	2	straight
22260665	AB-C3-M8MS-5,0PVC	5	straight
22260848	AB-C3-M8MS-10,0PVC	10	straight

Additional note

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

Electrical properties

Rated voltage	60 V DC / 48 V AC
Rated current	4 A
Overvoltage category	II
Pollution degree	3

Mechanical properties

Plug

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

Line

Cable construction	3 x AWG24/32
Signal line, construction	32 x 0,1 mm
Conductor cross-section	0,25 mm²
Conductor diameter including isolation	1,17 mm ± 0,05 mm
Cable outer diameter D	4,4 mm ± 0,15mm

Creator: THLE3/PDP Released: IVSE1/PDP	Document: DB22260847EN Version: 07	Page 1 of 2
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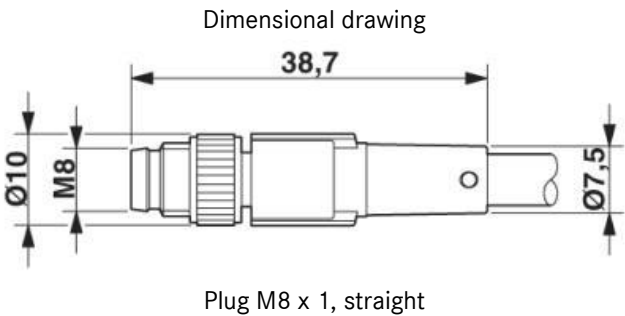
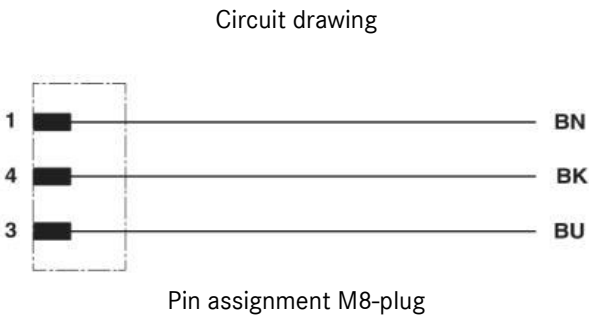
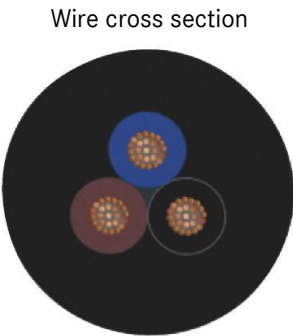
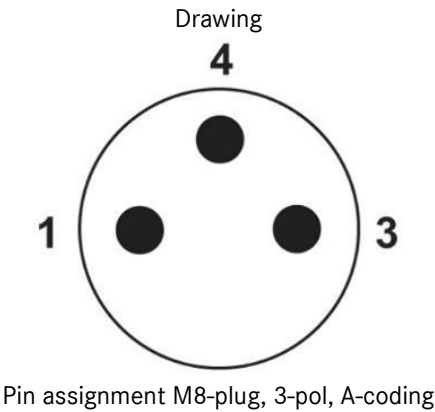
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Insulation color	brown, blue, black
Sheath color	black RAL 9005
Cable weight	33 kg/km
Outer coating, material	PVC
Wire insulation, material	PVC
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Conductor resistance	max. 79 Ω/km (at 20 °C)
Flame resistance	acc. to UL-Style 2464
Oil resistance	acc. to DIN EN 60811-2-1

Standards/Approvals

Product standard, M8 connector	IEC 61076-2-104
UL-Listed, E-File	E249137

Technical drawing



Application range

For medium mechanical load in dry areas

Note

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

Creator: THLE3/PDP Released: IVSE1/PDP	Document: DB22260847EN Version: 07	Page 2 of 2
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