

22260370	DATA SHEET	
Valid from: 28.11.2023	AB-C3-(L*)PVC-M8FA	

Product description

- Sensor/actuator cable, 3-pol, PVC black
- Angled M8-jack 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
22262093	AB-C3-2,0PVC-M8FA	2	angled
22262081	AB-C3-5,0PVC-M8FA	5	angled
22260370	AB-C3-10,0PVC-M8FA	10	angled

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

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
Sealing, material	NBR

Line

Cable construction	3 x AWG24/32
Signal line, construction	32 x 0,1 mm
Conductor cross-section	0,25 mm ²
Conductor diameter including isolation	1,17 mm ± 0,05 mm

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Cable outer diameter D	4,4 mm ± 0,15mm
Insulation color	brown, blue, black
Sheath color	black RAL 9005
Cable weight	29 kg/km
Outer coating, material	PVC
Wire insulation, material	PVC
Insulation resistance	≥ 100 MΩ*km (bei 20 °C)
Conductor resistance	≤ 79 Ω/km (bei 20 °C)
Flame resistance	acc. to UL-Style 2464
Oil resistance	acc. to DIN EN 60811-2-1

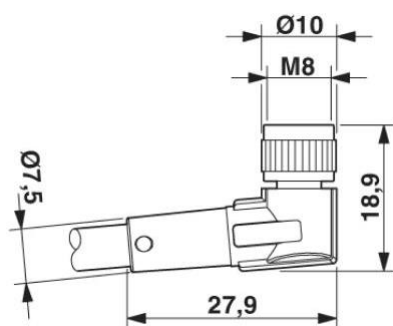
Standards/Approvals

Product standard, M8 connector
UL-Listed, E-File

IEC 61076-2-104
E249137

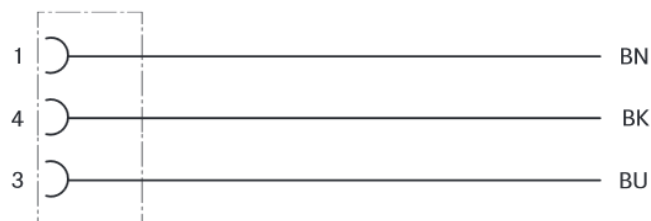
Technical drawing

Dimensional drawing



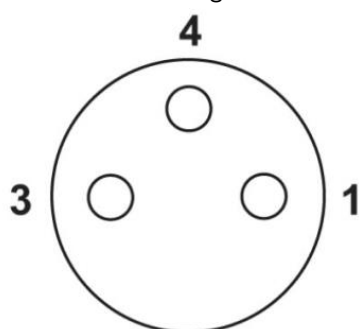
Jack M8 x 1, angled

Circuit diagram



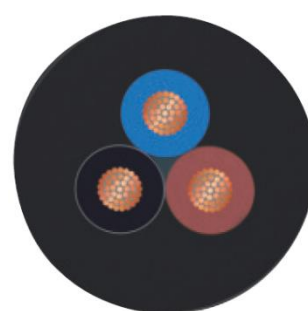
Pin assignment M8-jack

Drawing



Pin assignment M8-jack, 3-pol, A-coding

Wire cross section



Application range

For increased mechanical load and rough operating conditions

Note

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

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