

22260688	DATA SHEET	
Valid from: 18.01.2024	AB-C4-(L*)PVC-M12FS	

Product description

- Sensor/actuator cable, 4-pol, PVC black
- Straight M12-jack on free conductor end



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
22260688	AB-C4-2,0PVC-M12FS	2	angled
22260689	AB-C4-5,0PVC-M12FS	5	angled
22260685	AB-C4-10,0PVC-M12FS	10	angled
22261082	AB-C4-15,0PVC-M12FS	15	angled
22260916	AB-C4-20,0PVC-M12FS	20	angled
22262175	AB-C4-30,0PVC-M12FS	30	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

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
Seal, material	NBR

Creator: THLE3/PDP Released: IVSE1/PDP	Document: DB22260688EN Version: 03	Page 1 of 2
---	---------------------------------------	-------------

22260688	DATA SHEET	
Valid from: 18.01.2024	AB-C4-(L*)PVC-M12FS	

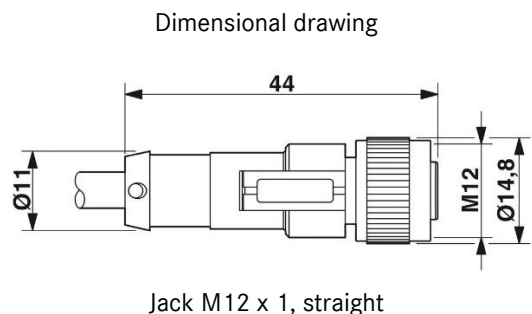
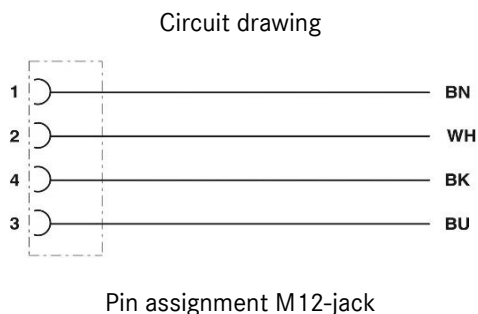
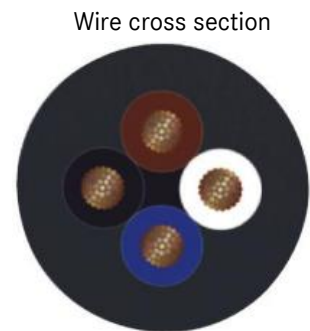
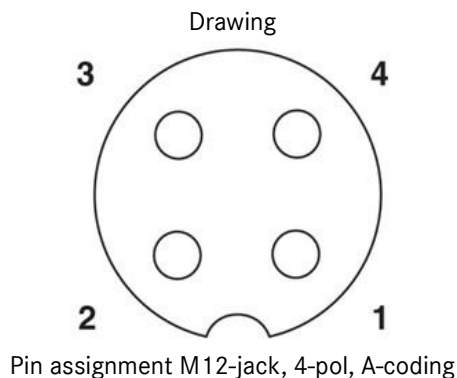
Line

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 MΩ*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 at 60 °C

Standards/Approvals

Product standard, M12 connector	IEC 61076-2-101
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: DB22260688EN Version: 03	Page 2 of 2
---	---------------------------------------	-------------