

22260300	DATA SHEET	
Valid from: 17.09.2018	AB-C4-M8MS-(L*)PUR	

Description

- Sensor- / actuator cable, 4-pol., PUR black grey RAL 7021
- Straight plug M8 on free conductor end



General characteristics

Number of pins	4
Ambient temperature	-25 to +90 °C (-13 to 194°F) (connector) -40 to +80 °C (-40 to 176°F) (cable fixed installation) -20 to +80 °C (-4 to 176°F) (cable flexible)
Degree of protection	IP65 / IP67 / IP68
Coding	A-standard

Variation

Article	Description	Length (L*) [m]
22260300	AB-C4-M8MS-2,0PUR	2
22260308	AB-C4-M8MS-5,0PUR	5
22260318	AB-C4-M8MS-10,0PUR	10

Data sheet valid for further cable length. More cable length available on request.

Electrical properties

Rated voltage	30 V
Rated current at 40 °C	4 A
Overvoltage category	II
Pollution degree	3

Mechanical properties

Plug

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

Line

Conductor diameter including isolation	1.17 mm ± 0.02mm
Cable outer diameter	3.9 mm ± 0.15mm
Core identification	brown, white, blue, black
Sheath colour	Black grey RAL 7021
Bending radius	44mm
Number of bending cycle	10'000'000
Traveling distance	10 m
Travel speed	3 m/s

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB22260300EN Version: 03	Page 1 of 2
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Acceleration	5 m/s ²
Cable weight	23 kg/km
Outer coating, material	PUR
Material wire insulation	PP
Flame retardance	Acc. UL758/1581 FT2 DIN EN60332-2-2 (20s)
Halogen-free	Acc. DIN VDE 0472 part 815
Oil resistance	Acc. DIN EN 60811-2-1
Other resistances	Good resistant to acids, lyes and solvents Resistant to hydrolysis and microbes Limited UV resistance acc. to DIN EN ISO 4892-2-A

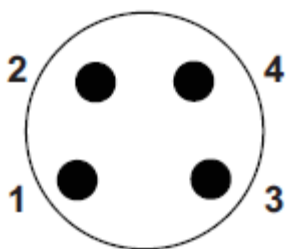
Standards/Approvals

Product standard, M8 connector

IEC 61076-2-104

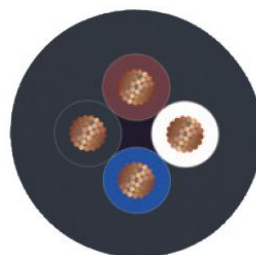
Technical drawing

Drawing

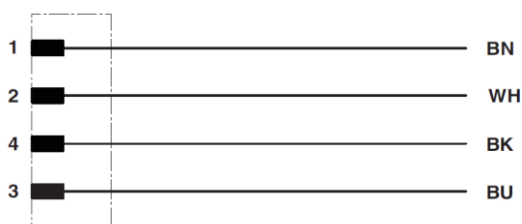


Pin assignment M8-plug, 4-pol, A-coding

Wire cross section

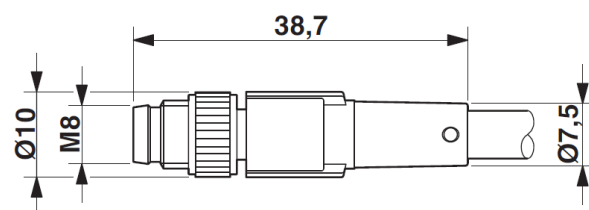


Circuit diagram



Pin assignment M8-plug

Dimensional drawing



Plug M8 x 1, straight

Application range

For increased mechanical stress and harsh operating conditions

Note

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

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB22260300EN Version: 03	Page 2 of 2
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