

U.I. Lapp GmbH	DATA SHEET	
	AB-C5- 5,0PUR-M12FS-SH	22260463 Valid from: 09.09.2014

Sensor/actuator cable, 5-pin, black halogen-free PUR, shielded, free conductor end to straight M12 socket, cable length: 5 m



General data

Number of pins:	5
Protection rating:	IP65/IP67
Degree of soiling:	3
Status display:	no
Flammability class acc. to UL 94:	HB
Weight:	48 kg/km
Halogen-free:	In accordance with DIN VDE 0472 part 815
Surge voltage category:	II
Nominal voltage U_N :	60 V
Nominal current I_N :	4 A
Insulation resistance:	100 GOhm*km

Connector data

Coding:	A-Standard
Knurl material:	Zinc die-cast, nickel-plated
Gripping body material:	TPU, flame-retardant, self-extinguishing
Sealing material:	NBR
Contact surface material:	Ni/Au
Contact carrier material:	TPU GF
Contact resistance:	5 mΩ

Ambient temperature (operation):

min.	-25 °C
max.	90 °C

Conductor data

Cable abbreviation:	Li9Y-V1-C-V1-11Y
Cable types:	shielded, black, halogen-free PUR
Flame retardance:	In accordance with UL-Style 20549
Outer sheath colour:	black grey (RAL 7021)
Cable Ø:	5.9 mm

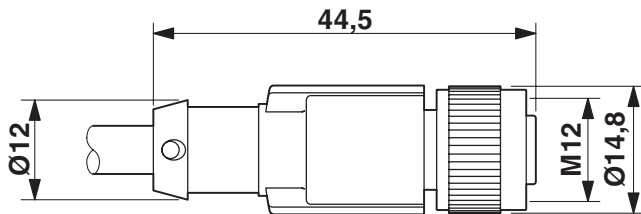
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Conductor material: Bare copper litz wire
 Core insulation material: PP
 Core diameter including insulation: 1.27 mm
 Conductor cross-section: 0.34 mm²
 AWG signal line: 22
 Bending radius: 59 mm
 Max. bending cycles: 4000000

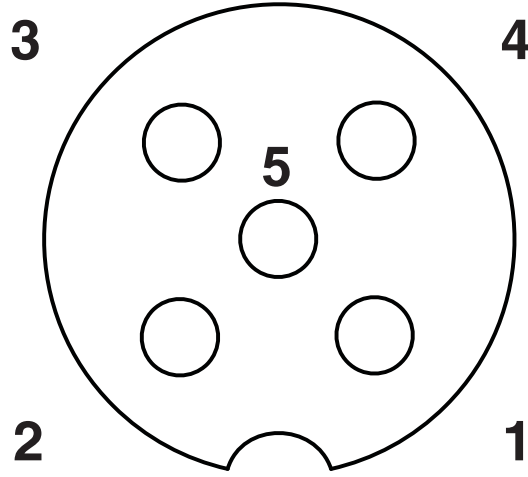
Ambient temperature (operation), cable, fixed installation:
 min. -25 °C
 max. 80 °C

Ambient temperature (operation), cable, flexible installation:
 min. -5 °C
 max. 80 °C



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