


22260828	DATA SHEET	
Valid from: 09.11.2018	AB-C4-20,0PUR-M12FA	

Description

Sensor/actuator cable, 4-pos., PUR halogen-free black, free conductor end on angled M12 socket, cable length: 20 m



General technical data

Number of poles:	4
Pollution degree:	3
Nominal voltage U_N :	250 V
Nominal current I_N :	4 A
Surge voltage category:	II
Insulation resistance:	100 m Ω *km
Surge voltage category:	II
Freedom from halogen:	As per DIN VDE 0472 part 815


Connector data

Coding:	A-standard
Contact surface material:	Ai/Au
Contact carrier material:	TPU GF
Material of grip body:	TPU, hardly inflammable, selfextinguishing
Material, knurls:	Zinc die-cast, (nickel-plated)
Sealing material:	NBR
Contact resistance:	5 m Ω
Inflammability class acc. to UL 94:	HB
Degree of protection::	IP65/IP67/IP68
Ambient temperature (operation):	
Min.	-25 °C
Max.	90 °C

Conductor data

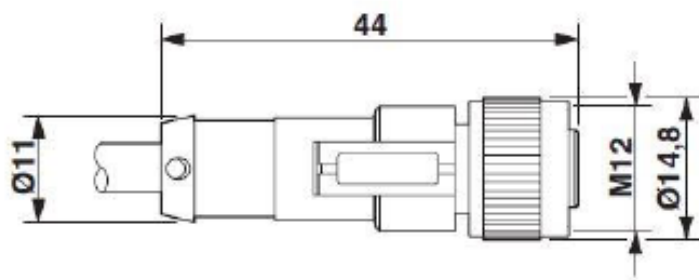
Cable abbreviation::	Li9Y11Y-HF
Cable types:	PUR halogen-free black
Flame resistance	As per UL-Style 20549
Sheath colour:	Black-gray RAL 7021
Cable \varnothing :	4.7 mm
Conductor material:	Bare Cu litz wires
Core insulation material:	PP
Core diameter including insulation:	1.27 mm
Conductor cross section:	0.34 mm ²

Creator: PAM	Document: DB22260828EN Version: 02	Page 1 of 3
--------------	---------------------------------------	-------------

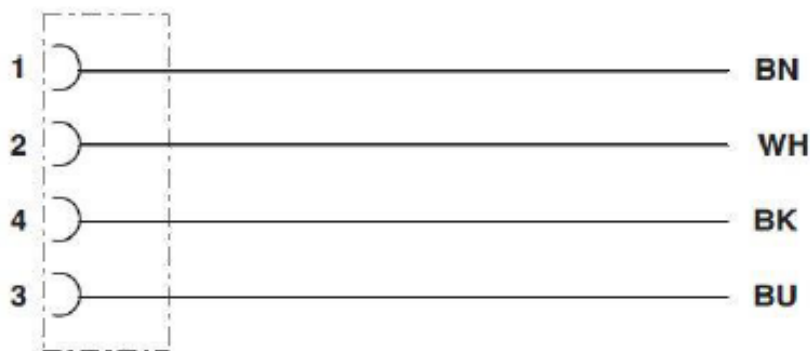
22260828	DATA SHEET	
Valid from: 09.11.2018	AB-C4-20,0PUR-M12FA	


AWG signal line:	22
Max. bending cycles:	4 mio
Ambient temperature (operation), fixed installation:	
Min.	-40 °C
Max.	80 °C
Ambient temperature (operation), flexible installation:	
Min.	-5 °C
Max.	80 °C

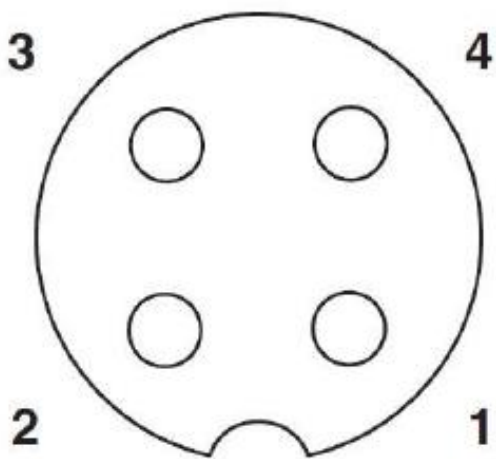
Technical drawings and dimensions



Dimensioned drawing
Straight plug M12



22260828	DATA SHEET	
Valid from: 09.11.2018	AB-C4-20,0PUR-M12FA	



Schematic diagram
Pin assignment M12 female connector M12, 4pos.

Note

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

Creator: PAM	Document: DB22260828EN Version: 02	Page 3 of 3
--------------	---------------------------------------	-------------