


## SAC-3P-15,0-PUR/M12FS

Order No.: 1694088

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1694088>

Sensor/Actuator cable, 3-position, PUR, halogen-free, Black-gray RAL 7021, Free conductor end, on Socket, straight M12, A-coded, Cable length: 15 m

Commercial data	
GTIN (EAN)	 4 017918 453015
sales group	D110
Pack	1 pcs.
Customs tariff	85444290

**Product notes**

WEEE/RoHS-compliant since:  
06/01/2005



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Technical data	
<b>General data</b>	
Rated current at 40°C	4 A
Number of positions	3
Volume resistance	≤ 5 mΩ
Length of cable	15 m

Stripping length of the free conductor end	50 mm
<b>General characteristics</b>	
Coding	A - standard
Degree of protection	IP68
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au
Status display	No
<b>Conductor data</b>	
Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
Cable abbreviation	Li9Y11Y
Conductor cross section	0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.27 mm ±0.02 mm
Thickness, insulation	≥ 0.21 mm (Core insulation) ≥ 0.76 mm (Outer cable sheath)
External cable diameter	4.40 mm
Wire colors	Brown, blue, black
External sheath, color	Black-gray RAL 7021
Insulation resistance	≥ 100 GΩ*km
Conductor resistance	≤ 58 Ω/m
Nominal voltage, conductor	300 V
Test voltage, conductor	3000 V
Overall twist	3 wires, twisted
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	26 kg/km
Smallest bending radius, movable installation	44 mm
Number of bending cycles	4000000
Bending radius	44 mm
Traversing path	10 m

Traversing rate	3 m/s
Acceleration	10 m/s <sup>2</sup>
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (cable, flexible installation)
Special properties	Flexible cable conduit capable Silicone-free Free of substances which would hinder coating with paint or varnish
Flame resistance	in accordance with DIN UL-Style 20549
Halogen-free	in accordance with DIN VDE 0472 part 815
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents hydrolysis and microbe resistant

#### Certificates / Approvals



Certification

CUL Listed, UL Listed

**Address**

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