

## SAC-3P-100,0-PUR/0,25

Order No.: 1501689



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1501689>

Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/  
blue/black, cable length: 100 m

Commercial data	
GTIN (EAN)	4017918813383
Note	Made-to-order
sales group	D130
Pack	1 pcs.
Customs tariff	85444995
Weight/Piece	2.1961 KG
Catalog page information	Page 134 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



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Technical data	
<b>General data</b>	
Number of positions	3
Length of cable	100 m
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)

**Conductor data**

Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
Cable abbreviation	Li9Y11Y-HF
Conductor cross section	0.25 mm <sup>2</sup>
AWG signal line	24
Conductor structure signal line	32 x 0.10 mm
Core diameter including insulation	1.15 mm ±0.05 mm
Thickness, insulation	≥ 0.38 mm (Core insulation)
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	≤ 77.6 MΩ/km
Nominal voltage, conductor	300 V
Test voltage, conductor	4000 V
Overall twist	3 wires, twisted
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	23 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

GOST

**Address**

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