


**SAC-8P-100,0-PUR/SH-0,25**

Order No.: 1550643

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1550643>

Cable ring, halogen-free PUR, black, 8-pos., shielded, conductor colors: White / brown / green / yellow / gray / pink / blue / red, cable length: 100 m

Commercial data	
GTIN (EAN)	 4 046356 170451
Note	Made-to-order
sales group	D117
Pack	1 pcs.
Customs tariff	85444995
Catalog page information	Page 198 (PC-2011)

## Product notes

WEEE/RoHS-compliant since:  
11/10/2006

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Technical data	
<b>General data</b>	
Number of positions	8
Length of cable	100 m

**Conductor data**

Cable type	PUR halogen-free black shielded
Cable abbreviation	Li9Y-V1-C-V1-11Y
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	1.17 mm ±0.02 mm
Thickness, insulation	≥ 0.21 mm (Core insulation)
	Approx. 0.6 mm (Outer cable sheath)
External cable diameter	5.90 mm
Wire colors	Brown, white, green, yellow, gray, pink, blue, red
External sheath, color	Black-gray RAL 7021
Insulation resistance	≥ 100 GΩ*km
Conductor resistance	max. 78 Ω/km
Nominal voltage, conductor	≤ 300 V
Test voltage, conductor	≥ 3000 V
Overall twist	8 wires around filler to the core
Shielding	Braided copper wires
Optical shield covering	85 %
Outer sheath, material	PUR
Material, filler	PE
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	54 kg/km
Smallest bending radius, fixed installation	59 mm
Smallest bending radius, movable installation	59 mm
Number of bending cycles	4000000
Bending radius	59 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s <sup>2</sup>
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

### Certificates / Approvals



Certification

CUL Listed, UL Listed

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### Accessories

Item	Designation	Description
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#### Tools

1212623	WIREFOX SAC	Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length
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**Address**

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