

**SAC-4P-100,0-PUR/SH-0,25**

Order No.: 1535794

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1535794>

Cable ring, black halogen-free PUR, 4-pos., shielded, 4 x 0.25 mm<sup>2</sup>,  
conductor colors: brown/white/blue/black, cable length: 100 m

**Commercial data**

GTIN (EAN)	 4 046356 027366
Note	Made-to-order
sales group	D131
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 134 (PC-2009)

**Product notes**

WEEE/RoHS-compliant since:  
08/01/2005



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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**Technical data****General data**

Number of positions	4
Length of cable	100 m
Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)

**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. 0.7 mm (Outer cable sheath)
External cable diameter	5.00 mm
Wire colors	Brown, white, blue, black
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	4 wires, twisted
Shielding	Tinned copper braided shield
Optical shield covering	85 %
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	36 kg/km
Smallest bending radius, fixed installation	50 mm
Smallest bending radius, movable installation	50 mm
Number of bending cycles	4000000
Bending radius	50 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)

**Accessories**

Item	Designation	Description
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**Tools**

1212623	WIREFOX SAC	Abisolierzange, für halogenfreie Sensor-/Aktor-Leitungen (SAC-Leitungen), mit PUR und PVC Isolierung, von Ø 4,4 bis 7 mm, Abisolierlänge beliebig
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**Address**

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