



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**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>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## 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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