



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!



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Sensor/actuator cable - SAC-4P- 3,0-PUR/M5FS - 1530472

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Sensor/actuator cable, 4-position, PUR, black RAL 9005, free cable end, on Socket straight M5, A-coded, cable length: 3 m

Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Signal transmission in a confined space – with our M5 connectors

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 024273
GTIN	4046356024273

Technical data

Dimensions

Length of cable	3 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
Degree of protection	IP65
	IP67
	IP68

General

Rated current at 40°C	1 A
Rated voltage	48 V AC
	60 V DC
Number of positions	4
Color handle area	black
Insulation resistance	≥ 10 GΩ

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Technical data

General

Coding	A - standard
Standards/regulations	M5 connector IEC 61076-2-105
Status display	No
Protective circuit/component	Unwired
Overvoltage category	II
Degree of pollution	3
Test voltage	1750 V
Insertion/withdrawal cycles	≥ 100

Material

Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	Nickel-plated brass
Sealing material	NBR

Standards and Regulations

Standard designation	M5 connector
Standards/regulations	IEC 61076-2-105

Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	350
Conductor cross section	4x 0.14 mm ² (Signal line)
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Core diameter including insulation	0.92 mm ±0.02 mm
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	black RAL 9005
External cable diameter D	3.5 mm ±0.1 mm
Smallest bending radius, fixed installation	9 mm
Smallest bending radius, movable installation	18 mm
Outer sheath, material	PUR
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	100 MΩ*km
Conductor resistance	148 Ω/km
Nominal voltage, cable	100 V
Test voltage, cable	800 V _{rms}
Ambient temperature (operation)	-15 °C ... 80 °C (cable, fixed installation)

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Technical data

Cable

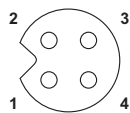
	-5 °C ... 80 °C (cable, flexible installation)
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

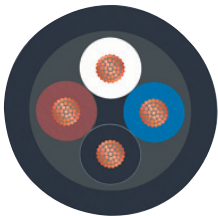
Drawings

Schematic diagram



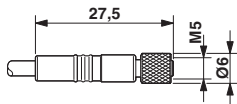
Socket M5, 4-pos.

Cable cross section



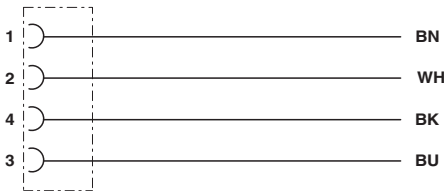
PUR/PVC black [350]

Dimensional drawing



Socket M5 x 0.5, straight

Circuit diagram



Contact assignment of the M5 socket

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

Sensor/actuator cable - SAC-4P- 3,0-PUR/M5FS - 1530472

Approvals

EAC		EAC-Zulassung
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