

SAC-4P-M5MS/ 1,5-PUR

Order No.: 1530304



Sensor/Actuator cable, 4-position, PUR, Black RAL 9005, Plug, straight M5, A-coded, on Free conductor end, Cable length: 1.5 m

Commercial data

EAN	 4 046356 024105
Pack	1
Customs tariff	85444290
Catalog page information	Page 70 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-03-22



Technical data

General data

Rated current at 40°C	1 A
Rated voltage	125 V
Number of positions	4
Volume resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 10 \text{ G}\Omega$
Length of cable	1.5 m
Ambient temperature (operation)	-25 °C ... 80 °C (Male connector / female connector)

General characteristics

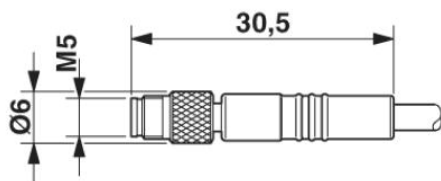
Standards/regulations	M5 connector IEC 61076-2-105
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67
Insertion/withdrawal cycles	≥ 100
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	Nickel-plated brass
Status display	No
Test voltage	1750 V

Conductor data

Cable type	PUR/PVC black
Conductor cross section	0.14 mm ²
AWG signal line	26
Conductor structure signal line	18x 0.10 mm
Core diameter including insulation	0.92 mm ±0.02 mm
External cable diameter	3.50 mm
Wire colors	Black, brown, blue, white
External sheath, color	Black RAL 9005
Insulation resistance	100 MΩ*km
Conductor resistance	148 mΩ/m
Nominal voltage, conductor	100 V
Test voltage, conductor	800 V _{rms}
Overall twist	4 wires, twisted
Outer sheath, material	PUR
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Smallest bending radius, fixed installation	9 mm
Smallest bending radius, movable installation	18 mm
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

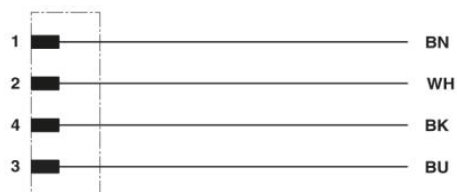
Drawings

Dimensioned drawing



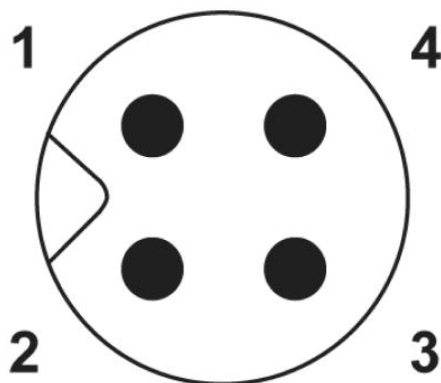
Plug M5 x 0.5, straight

Circuit diagram



Contact assignment of the M5 connector

Schematic diagram



Plug M5, 4-pos.