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Extract from the online catalog

SAC-5P-M12MR/ 5,0-920/M12FR

Order No.: 1543919



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1543919>

Sensor/Actuator cable, 5-position, PUR, Violet, RAL 4001, Plug, angled M12, on Socket, angled M12, Cable length: 5 m

Commercial data	
GTIN (EAN)	 4 046356 103053
Note	Made-to-order
sales group	D117
Pack	1 pcs.
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
09/19/2006



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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	5
Length of cable	5 m
General characteristics	
Insertion/withdrawal cycles	≥ 100

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Conductor data

Cable type	CAN Bus/DeviceNet
Conductor cross section	0.2 mm ² (signal line) 0.32 mm ² (Power supply) 0.32 mm ² (Drain wire)
AWG signal line	24
Conductor structure signal line	19x 0.12 mm
AWG power supply	22
Conductor structure, voltage supply	19x 0.15 mm
Core diameter including insulation	2.05 mm ±0.1 mm (signal line) 1.4 mm ±0.05 mm (Power supply)
External cable diameter	6.70 mm
Wire colors	Red-black, blue-white
External sheath, color	Violet, RAL 4001
Insulation resistance	≥ 5 GΩ*km (signal line) ≥ 100 MΩ*km (Power supply)
Conductor resistance	≤ 78.4 Ω/km (signal line) ≥ 51.6 Ω/km (Power supply)
Working capacitance	39.3 pF (Signal line, Core-Core) 78.7 pF (Signal line, Core-Shield)
Nominal voltage, conductor	300 V (Power supply) 30 V (signal line)
Test voltage, conductor	1500 V (signal line) 2000 V (Power supply)
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	2 pairs around a drain wire in the center to the core
Shielding	Tinned copper braided shield
Optical shield covering	70 %
Outer sheath, material	PUR
Material conductor insulation	PE (Power supply) Foamed PE (signal line)
Conductor material	Tin-plated Cu litz wires
Smallest bending radius, fixed installation	67 mm
Smallest bending radius, movable installation	67 mm
Number of bending cycles	5000000

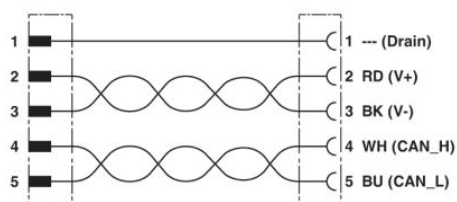
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Bending radius	67 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	7 m/s ²

Diagrams/Drawings

Circuit diagram



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