


SAC-4P-M12MS/10,0-140

Order No.: 1502691

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1502691>

Data cable, 4-position, PUR/PVC, Yellow RAL 1021, Plug,
straightLink:M12, A-coded, on Free conductor end, Cable length: 10 m

Commercial data

GTIN (EAN)	 4 017918 816926
Note	Made-to-order
sales group	D111
Pack	10 pcs.
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
06/01/2005



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Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Length of cable	10 m

General characteristics

Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K

Insertion/withdrawal cycles	≥ 100
Status display	No
Conductor data	
Cable type	PUR/PVC yellow
Cable type (abbreviation)	140
Cable abbreviation	LiYY-11Y
UL AWM Style	20549
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.5 mm ±0.05 mm
Thickness, insulation	Approx. 0.3 mm (Core insulation)
	≥ 0.38 mm (Outer cable sheath)
	Approx. 0.35 mm (Inner sheath)
External cable diameter	5.2 mm ± 0.2 mm
Wire colors	Brown, white, blue, black
External sheath, color	Yellow RAL 1021
Insulation resistance	≥ 1 GΩ*km (at 20°C)
Conductor resistance	max. 58 Ω/km (at 20°C)
Nominal voltage, conductor	≤ 300 V
Test voltage, conductor	≥ 3000 V
Overall twist	4 wires, twisted
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	39 kg/km
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	52 mm
Number of bending cycles	2000000
Bending radius	52 mm
Traversing path	5 m
Traversing rate	3 m/s
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Flame resistance

in accordance with DIN UL-Style 20549

Certificates / Approvals

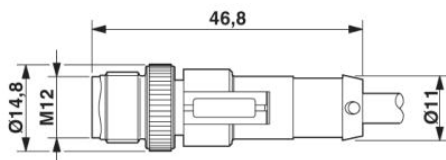


Certification

CUL Listed, UL Listed

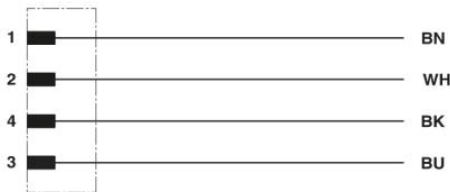
Diagrams/Drawings

Dimensioned drawing



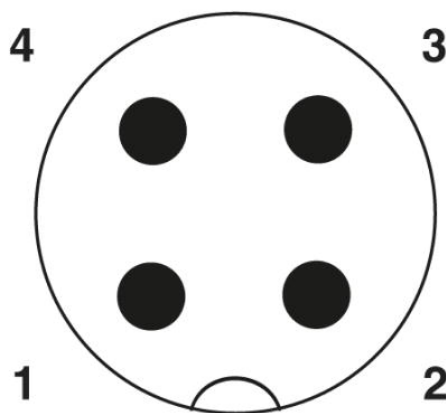
M12 x 1 male connector, straight

Circuit diagram



Contact assignment of M12 connectors / sockets bridged

Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

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