

SAC-4P-M12MS/ 1,0-150/M12FS

Order No.: 1546330

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1546330>**Commercial data**

EAN	4046356128773
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	0.0544 KG

Product notesWEEE/RoHS-compliant since:
07/10/2006

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Technical data**General data**

Nominal current I_N	4 A
Nominal voltage U_N	250 V
Number of positions	4
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	1 m
Ambient temperature (operation)	-25 °C ... 90 °C (plug/socket) -50 °C ... 105 °C (cable, fixed installation) -40 °C ... 105 °C (cable, flexible installation)

General characteristics

Coding	A - standard
Inflammability class acc. to UL 94	HB
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Status display	No

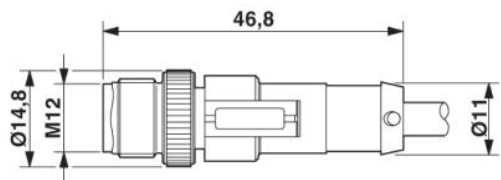
Conductor data

Cable type	PUR irradiated halogen-free orange
Cable abbreviation	D12YSL11X-OB
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure, signal line	19x 0.15 mm
External cable diameter	5.20 mm
Wire colors	Brown, white, blue, black
External sheath, color	orange RAL 2003
Conductor resistance	Max. 57 Ω/km
Nominal voltage, conductor	320 V
Test voltage, conductor	2500 V
Overall twist	4 wires, twisted
Length of twist, overall twist	27 mm
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Bare Cu litz wires
Smallest bending radius, fixed installation	Min. 15 mm
Smallest bending radius, movable installation	Min. 30 mm
Number of bending cycles	5000000
Bending radius	52 mm
Traversing path	10 m

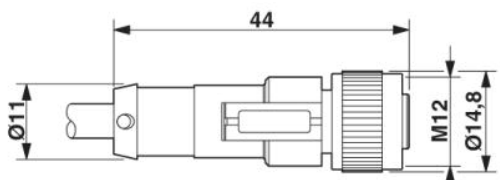
Traversing rate	3 m/s
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Drawings

Dimensioned drawing

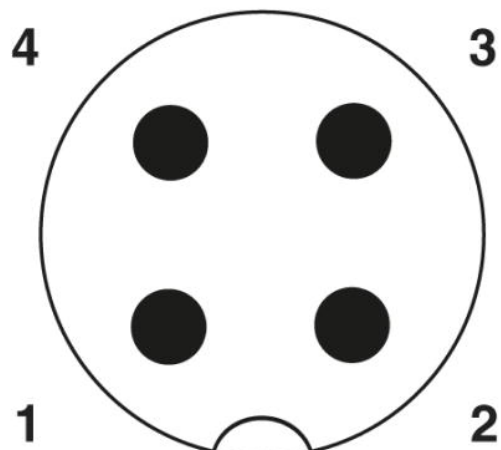


M12 x 1 male connector, straight

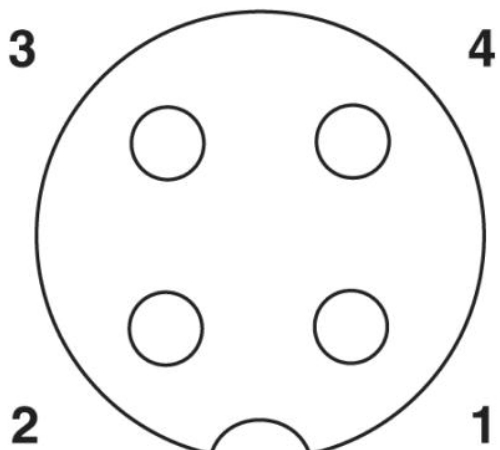


M12 x 1 female connector, straight

Schematic diagram



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



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

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