

SAC-3P-M12Y-2XM12FS/.../...

Order No.: 1699766



Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded,
on Socket, straight M12, A-coded and Socket, straight M12, A-coded,
Cable length: Free input (0.2 ... 40.0 m)

Commercial data

Note	Made-to-order
Pack	1
Customs tariff	85444290
Catalog page information	Page 100 (PC-2009)

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	3
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	Free input (0.2 ... 40.0 m)
Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
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
Test voltage	2500 V

Line characteristics

Note	This order comprises a cable with a freely selectable cable type. As a result, technical data about the cable types available for selection is not displayed here. This information is available on request.
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Certificates

Certification

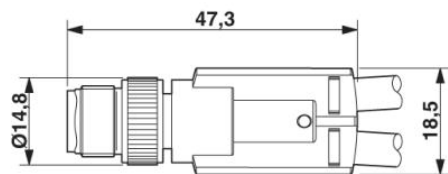
CUL Listed, UL Listed

Configuration options

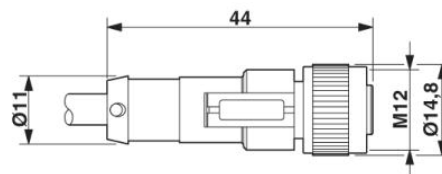
Cable type	PUR halogen-free black [PUR] PVC black [PVC] PUR/PVC gray [100] PUR/PVC orange [110] PUR/PVC yellow [140] PUR irradi. halogen-free orange [150] PUR halogen-free orange [180] PUR halogen-free gray [280] PVC gray [500] PVC yellow [540] PVC yellow 105 °C [542] PUR highflex gray [800]
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Drawings

Dimensioned drawing

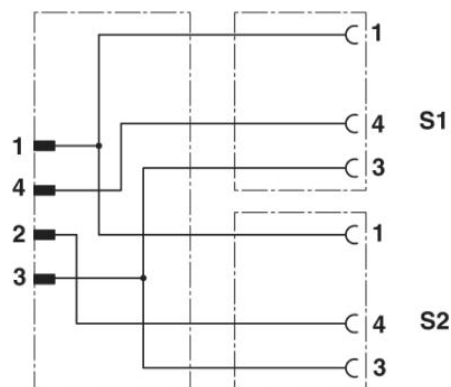


Plug M12 x 1, Y distributor



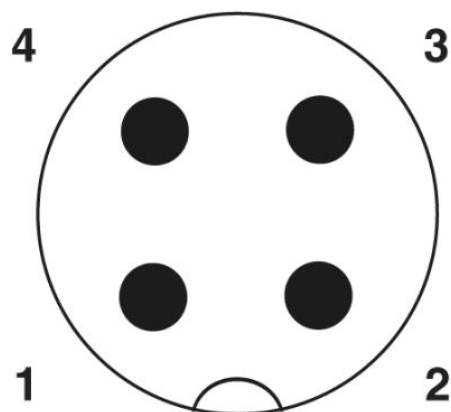
M12 x 1 female connector, straight

Circuit diagram

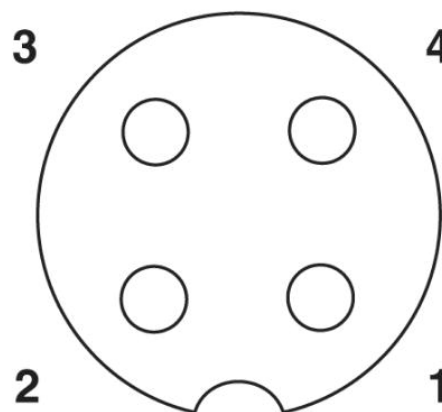


Contact assignment of the M12 plug and the M12 socket

Schematic diagram



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



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