

SAC-3P-M12MS-M12FR-2L/.../...

Order No.: 1696798



Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, angled M12, A-coded, with 2 LEDs, Cable length: Free input (0.2 ... 40.0 m)

Commercial data

Note	Made-to-order
Pack	1
Customs tariff	85444290
Catalog page information	Page 76 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-07-12



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	24 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)

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	2 LEDs

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

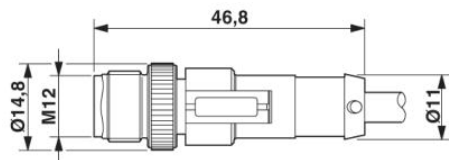
CUL Listed, UL Listed

Configuration options

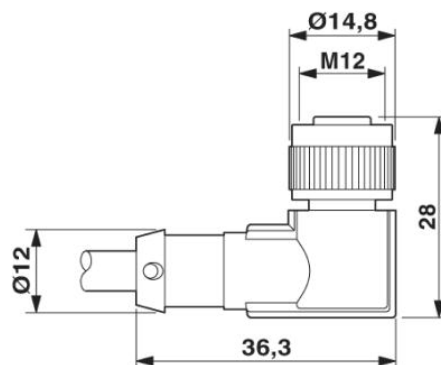
Cable type	PUR halogen-free black [PUR] PVC black [PVC] PUR/PVC gray [100] PUR/PVC orange [110] PUR/PVC yellow [140] PUR irradi. halogen-free orange [150] PUR halogen-free orange [180] PUR halogen-free gray [280] PVC gray [500] PVC yellow [540] PVC yellow 105 °C [542] PUR highflex gray [800]
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Drawings

Dimensioned drawing

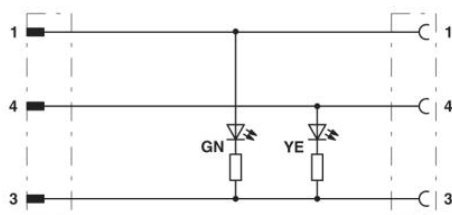


M12 x 1 male connector, straight



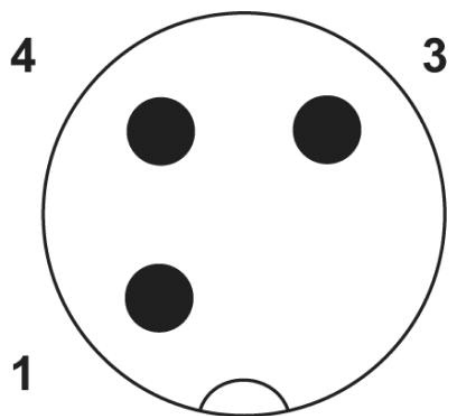
Socket M12 x 1, angled, with LED

Circuit diagram

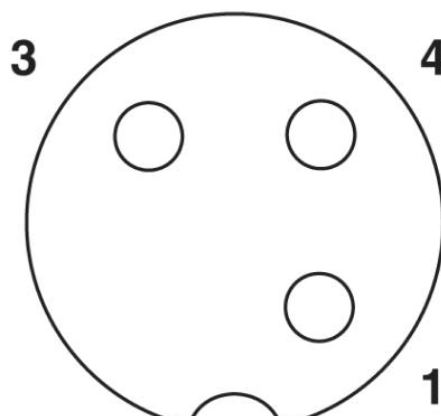


Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 plug, 3-pos., A-coded, view male side



Pin assignment M12 socket, 3-pos., A-coded, view female side