

SAC-3P-M12Y/2X0,6-150/M 8FS

Order No.: 1561959

As in the figure, however, with an orange conductor



Sensor/Actuator cable, 3-position, PUR, halogen-free, orange RAL 2003, Plug, straight M12, A-coded, on Socket, straight M8, Cable length: 0.6 m

Commercial data

EAN	 4 046356 290098
Note	Made-to-order
Pack	5
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2007-04-16



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	0.6 m

Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)
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General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Insertion/withdrawal cycles	≥ 100
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	42x 0.10 mm
External cable diameter	4.40 mm
Wire colors	Brown, blue, black
External sheath, color	orange RAL 2003
Conductor resistance	max. 57 Ω/km
Nominal voltage, conductor	250 V
Test voltage, conductor	2000 V
Overall twist	3 wires, twisted
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Bare Cu litz wires
Smallest bending radius, fixed installation	min. 20 mm
Smallest bending radius, movable installation	min. 30 mm
Number of bending cycles	5000000
Bending radius	44 mm

Traversing path	10 m
Traversing rate	3 m/s
Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation)
	-40 °C ... 105 °C (cable, flexible installation)

Certificates

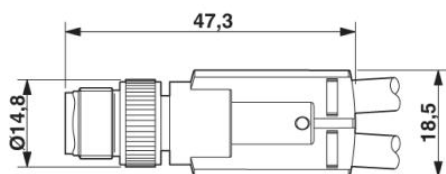


Certification

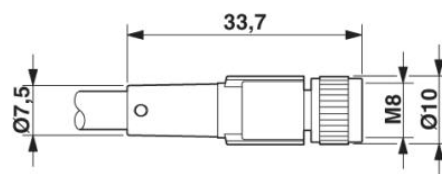
CUL Listed, GOST, UL Listed

Drawings

Dimensioned drawing

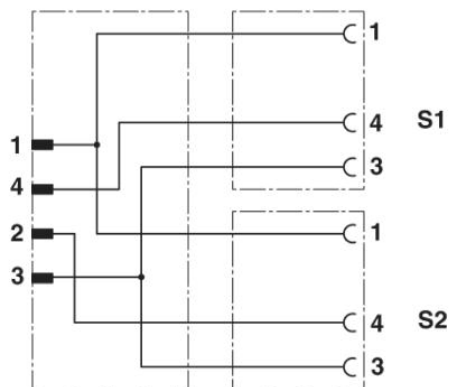


Plug M12 x 1, Y distributor



Socket M8 x 1, straight

Circuit diagram

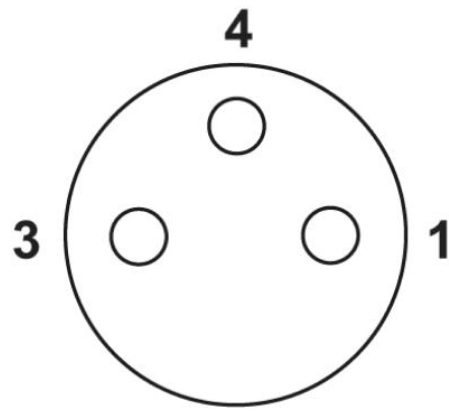


Contact assignment of M12 plugs / M8 sockets

Schematic diagram



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



Pin assignment M8 socket, 3-pos., view female side