

SAC-4P-M12MR/ 3,0-PUR/M12FR TP

Order No.: 1505203

Sensor/Actuator cable, 4-position, PUR/PVC, Green RAL 6017,
Plug, angled M12, A-coded, on Socket, angled M12, A-coded, Cable
length: 3 m

Commercial data

EAN	4 017918 902384
Note	Made-to-order
Pack	1
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2006-03-02



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	3 m

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/PVC green
Conductor cross section	0.5 mm ²
AWG signal line	20
Conductor structure signal line	28x 0.15 mm
Thickness, insulation	(Core insulation)
	Approx. 1 mm (Inner sheath)
	Approx. 0.7 mm (Outer cable sheath)
External cable diameter	7.80 mm
Wire colors	Brown-white, green-yellow
External sheath, color	Green RAL 6017
Nominal voltage, conductor	300 V
Test voltage, conductor	1500 V
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Smallest bending radius, movable installation	78 mm
Number of bending cycles	2000000
Bending radius	78 mm
Traversing path	5 m
Traversing rate	3 m/s

Certificates

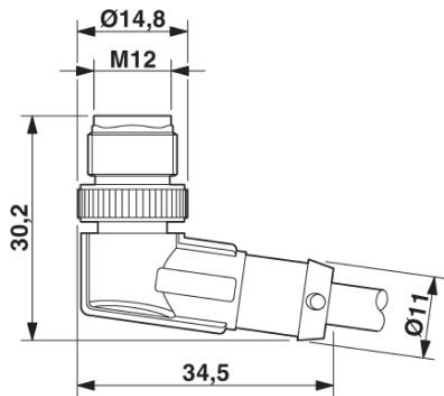


Certification

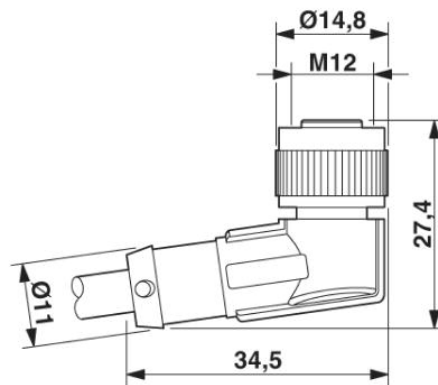
CUL Listed, GOST, UL Listed

Drawings

Dimensioned drawing

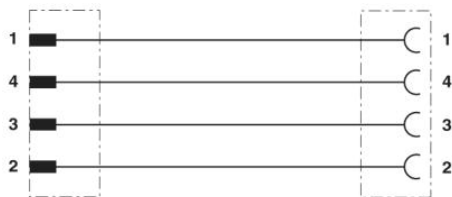


M12 x 1 male connector, angled

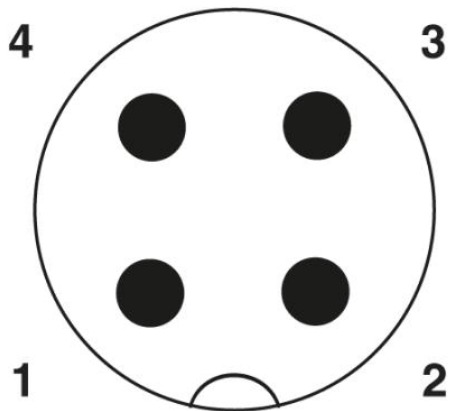


M12 x 1 female connector, angled

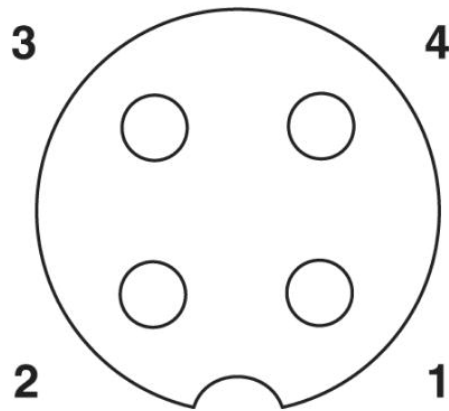
Circuit diagram



Schematic diagram



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



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