

SAC-4P- 5,0-150/M 8FR-2L

Order No.: 1515688

Sensor/Actuator cable, 4-position, PUR, orange RAL 2003, Free conductor end, on Socket, angled M8, A-coded, with 2 LEDs, Cable length: 5 m

Commercial data

EAN	 4 017918 928414
Note	Made-to-order
Pack	5
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2007-02-01



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	24 V
Number of positions	4
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	5 m
Stripping length of the free conductor end	50 mm

General characteristics

Coding	A - standard
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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

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

Certificates

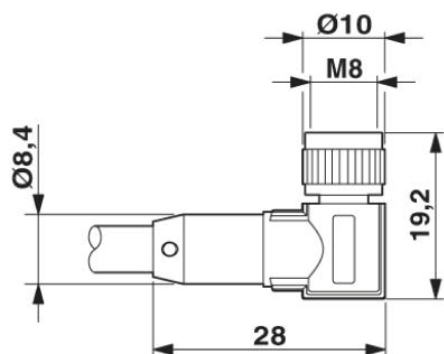


Certification

CUL Listed, UL Listed

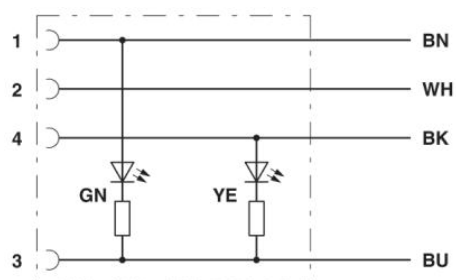
Drawings

Dimensioned drawing



Socket M8 x 1, angled, with LED

Circuit diagram



Contact assignment of the M8 socket with LED

Schematic diagram

Pin assignment M8 socket, 4-pos., view female side

