

Sensor/Actuator cable - SAC-5P-M12MSB/ 0,3-150 SO - 1558111

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)

Sensor/Actuator cable, 5-position, PUR halogen-free, Irradiated, orange RAL 2003, Plug straight M12, B-coded, on Free cable end, Cable length: 0.3 m



Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Weight per Piece (excluding packing)	32.4 GRM
Custom tariff number	85444290
Country of origin	Poland

Technical data

Dimensions

Length of cable	0.3 m
-----------------	-------

Ambient conditions

Degree of protection	IP65
	IP67
	IP68

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Coding	B - inverse
Status display	No
Surge voltage category	II
Pollution degree	3
Insertion/withdrawal cycles	≥ 100

Material

Inflammability class according to UL 94	V0
Contact material	CuSn
Contact surface material	Ni/Au

Sensor/Actuator cable - SAC-5P-M12MSB/ 0,3-150 SO - 1558111

Technical data

Material

Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Cable type	PUR irradiated halogen-free orange
Cable abbreviation	D12YSL11X-JB
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Wire colors	brown, white, blue, black, green-yellow
Overall twist	5 cores, twisted
External sheath, color	orange RAL 2003
External cable diameter	5.90 mm
Smallest bending radius, fixed installation	min. 25 mm
Smallest bending radius, movable installation	min. 40 mm
Number of bending cycles	5000000
Bending radius	59 mm
Traversing path	10 m
Traversing rate	3 m/s
Outer sheath, material	PUR
Material conductor insulation	PE
Conductor material	Bare Cu litz wires
Conductor resistance	≤ 57 Ω/km
Nominal voltage, cable	250 V
Test voltage, cable	2000 V

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

Sensor/Actuator cable - SAC-5P-M12MSB/ 0,3-150 SO - 1558111

Classifications

ETIM

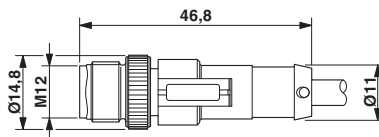
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Drawings

Dimensioned drawing



M12 x 1 plug, straight