


Sensor/actuator cable - SAC-3P- 5,0-300/M 8FS BK - 1529030

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Sensor/actuator cable, 3-position, PUR, black RAL 9005, free cable end, on Socket straight M8, cable length: 5 m



Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 965877
GTIN	4017918965877

Technical data

Dimensions

Length of cable	5 m
Stripping length of the free conductor end	50 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67
	IP68

General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3

Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au

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Technical data

Material

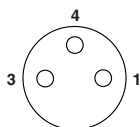
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Cable type	PUR black, permanently flexible control cable
Cable type (abbreviation)	300
Cable abbreviation	LiY11Y-HF-OB
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	32x 0.10 mm
Wire colors	brown, blue, black
External cable diameter	4.70 mm
Smallest bending radius, movable installation	47 mm
Number of bending cycles	5000000
Bending radius	47 mm
Traversing path	2 m
Traversing rate	2 m/s
External sheath, color	black RAL 9005
Outer sheath, material	PUR
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	300 V
Test voltage, cable	1500 V
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

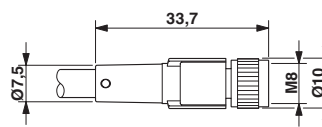
Drawings

Schematic diagram



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

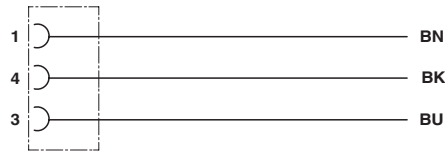
Dimensional drawing



Socket M8 x 1, straight

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Circuit diagram



Contact assignment of M8 socket

Classifications

eCl@ss

eCl@ss 11.0	27060311
eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 9.0	27060311

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 6.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501

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