

Sensor/Actuator cable - SAC-4P- 5,0-PVC/M 8FS BK - 1526282

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Sensor/Actuator cable, 4-position, PVC, Black RAL 9005, Free cable end, on Socket straight M8, Cable length: 5 m

Key commercial data

package_quantity	1
GTIN	4017918954376

Technical data

Dimensions

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

Ambient conditions

Degree of protection	IP65
Degree of protection	IP67
Degree of protection	IP68

General

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Surge voltage category	II
Pollution degree	3

Material

Inflammability class according to UL 94	HB
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

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Technical data

Material

Sealing material	NBR
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Cable

Cable type	PVC black
Cable abbreviation	LiYY
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.32 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
Thickness, insulation	≥ 0.38 mm (Outer cable sheath)
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	Black RAL 9005
External cable diameter	4.70 mm
Cable weight	37 kg/km
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 100 MΩ*km
Conductor resistance	max. 77.6 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2500 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

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
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classifications

UNSPSC

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

approvals

UL Listed / cUL Listed / cULus Listed /

Approval details

UL Listed	
Nominal voltage UN	125 V
Nominal current IN	4 A
mm ² /AWG/kcmil	

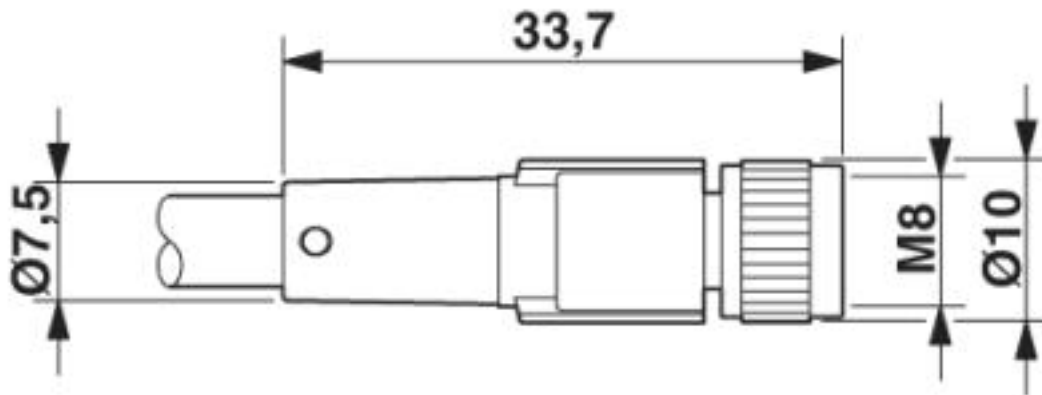
cUL Listed	
Nominal voltage UN	125 V
Nominal current IN	4 A
mm ² /AWG/kcmil	

cULus Listed	
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Drawings

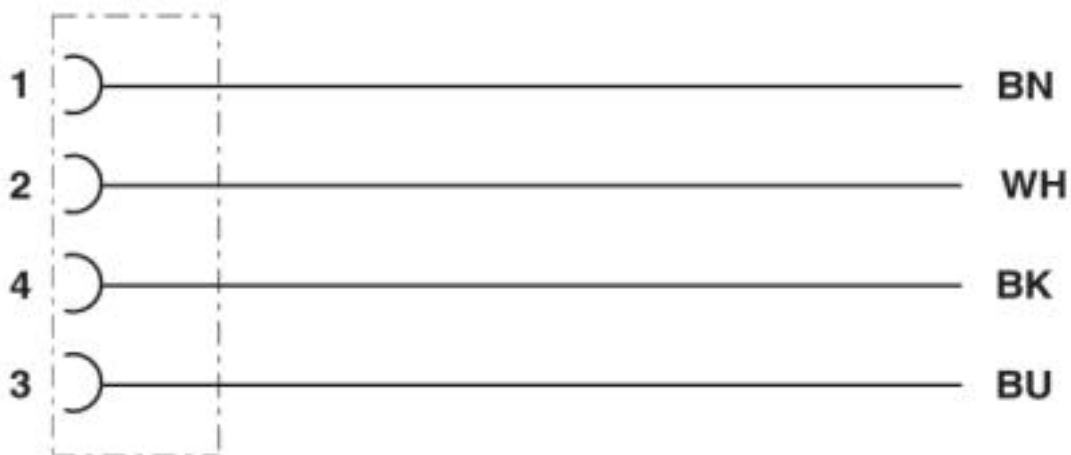
Sensor/Actuator cable - SAC-4P- 5,0-PVC/M 8FS BK - 1526282

Dimensioned drawing



Socket M8 x 1, straight

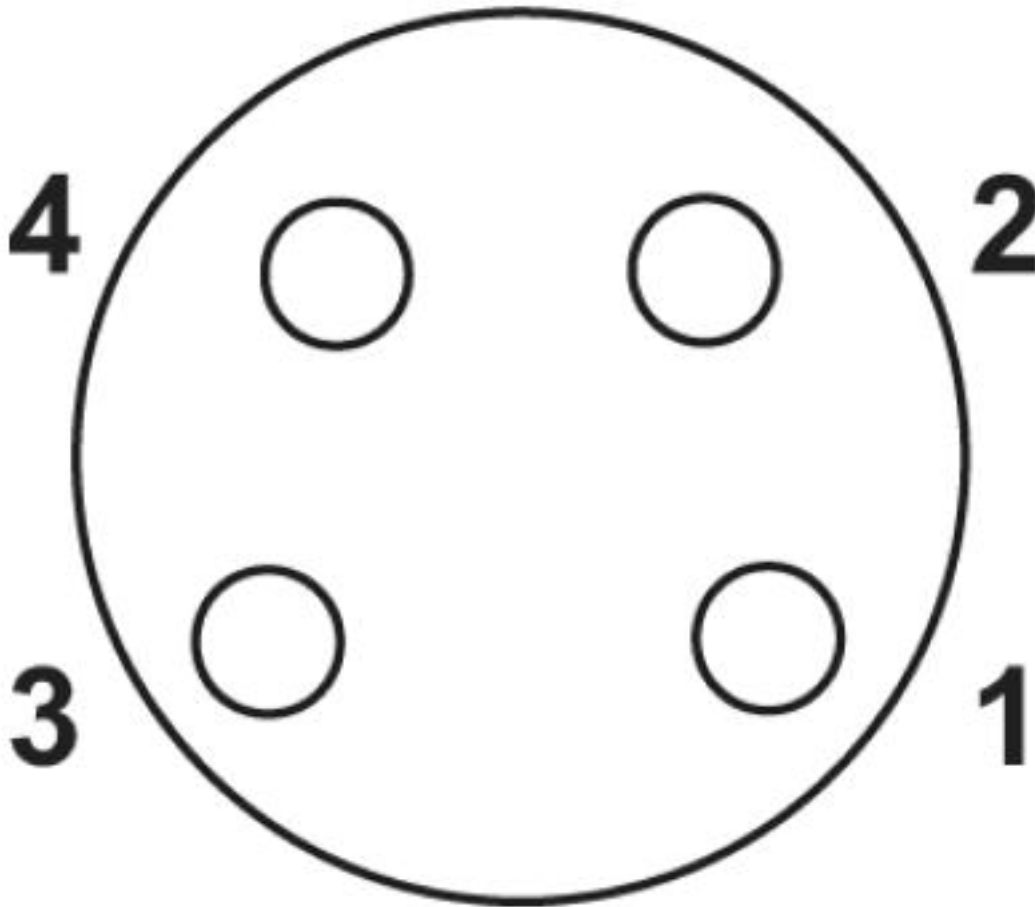
Circuit diagram



Contact assignment of M8 socket

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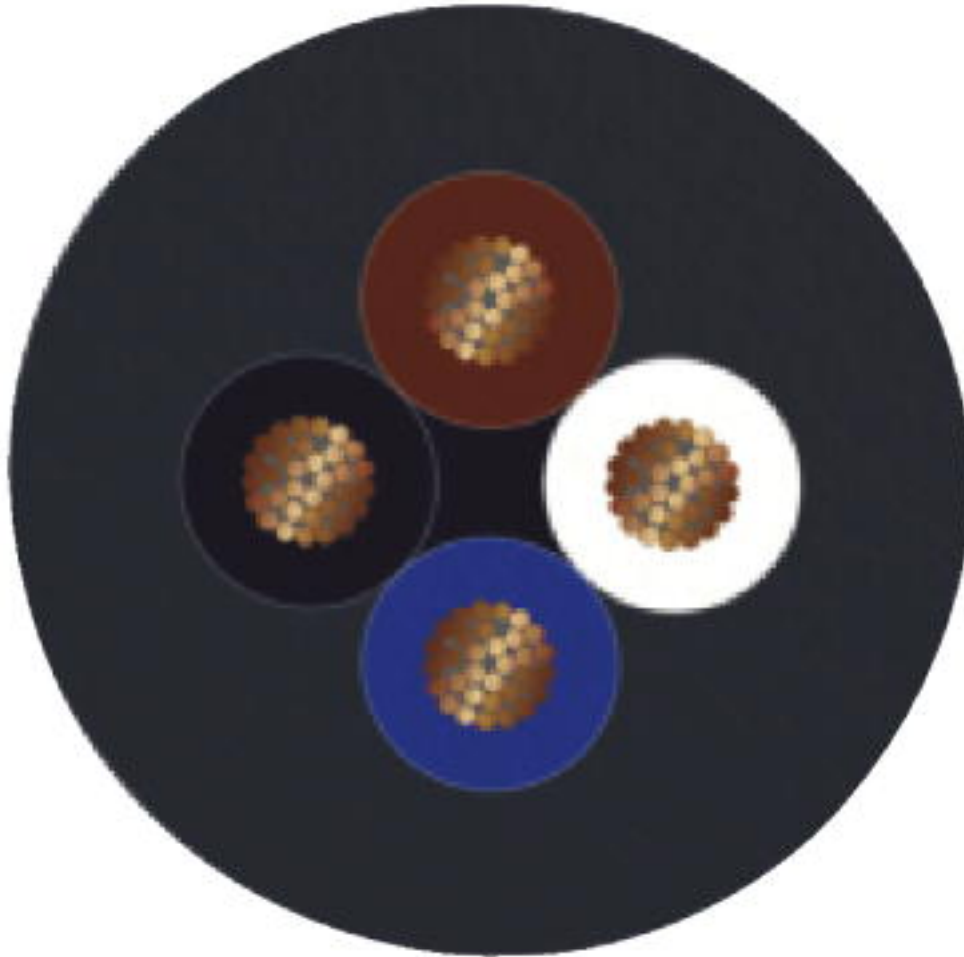
Schematic diagram



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

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Cable cross section



PVC black [PVC]

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