

SAC-5P-10,0-500/M12FS VA

Order No.: 1565890


As shown in the figure, but with gray wire and high-grade steel knurl



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Sensor/Actuator cable, 5-position, PVC, Gray RAL 7001, Free conductor end, on Socket, straight M12, A-coded, Cable length: 10 m

Commercial data

GTIN (EAN)	 4 046356 316224
Note	Made-to-order
sales group	D112
Pack	1 pcs.
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
09/26/2007



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Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Length of cable	10 m
Stripping length of the free conductor end	50 mm
Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)

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	High-grade steel
Sealing material	NBR
Status display	No

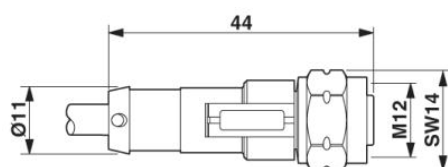
Conductor data

Cable type	PVC gray
Cable type (abbreviation)	500
Cable abbreviation	LiYY
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.45 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.76 mm (Outer cable sheath)
External cable diameter	5.9 mm ±0.15 mm
Wire colors	Black, brown, blue, white, green/yellow
External sheath, color	Gray RAL 7001
Insulation resistance	≥ 1 GΩ*km (at 20°C)
Conductor resistance	max. 58 Ω/km (at 20°C)
Nominal voltage, conductor	≤ 300 V (AC)
Test voltage, conductor	≥ 3000 V (AC)
Overall twist	5 wires around filler to the core

Outer sheath, material	PVC
Material, filler	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	51 kg/km
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (cable, flexible installation)
Flame resistance	As per UL-Style 2464
	According to UL 758/1581 FT1
Resistance to oil	in accordance with DIN EN 60811-2-1

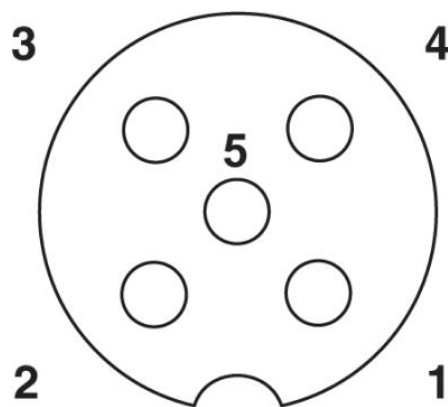
Diagrams/Drawings

Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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