

## Sensor/Actuator cable - SAC-12P-MS/ 5,0-35T/FS SH SCO - 1404940

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Sensor/actuator cable, 12-pos., PUR/PVC, RAL 9005 (black), shielded, straight M12 SPEEDCON plug (A-coded) to straight M12 SPEEDCON socket (A-coded), cable length: 5 m



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	25 STK
GTIN	 4 046356 728454
GTIN	4046356728454
Weight per Piece (excluding packing)	488.100 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length of cable	5 m
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#### Ambient conditions

Degree of protection	IP65
	IP67

#### General

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	12
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3

#### Material

Flammability rating according to UL 94	V0
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## Technical data

### Material

Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

### Standards and Regulations

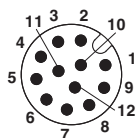
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Resistance to oil	DIN VDE 0472 Part 803, test type B
Flame resistance	DIN VDE 0472 part 804, test type B
Other resistance	Hydrolysis and microbe resistant as per VDE 0282 section 10
Flammability rating according to UL 94	V0

### Environmental Product Compliance

REACH SVHC	DOTe 15571-58-1
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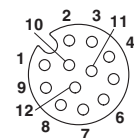
## Drawings

Schematic diagram



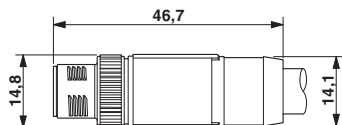
Pin assignment M12 male connector, 12-pos., male side view

Schematic diagram



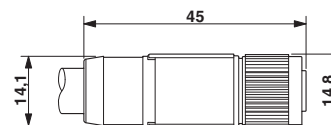
Pin assignment M12, 12-pos., female side view

Dimensional drawing



M12 SPEEDCON plug, straight, shielded

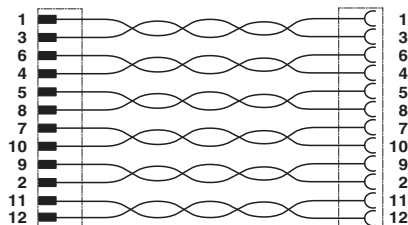
Dimensional drawing



Socket M12-SPEEDCON, straight, shielded

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Circuit diagram



Contact assignment of the M12 plug and the M23 socket

## 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	27279218
eCl@ss 9.0	27060311

### ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	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