

# Master cable - SAC-12P- 5,0-PUR/M16FR - 1693720


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Master cable, Application: Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 8, Number of positions: 12, Slot assignment: Single, Status indication: No; Master cable connection: M16 plug connection, PUR/PVC, Cable length: 5 m, Shielding: No



## Key commercial data

Packing unit	1 pc
GTIN	 4 017918 189068
Weight per Piece (excluding packing)	512.7 g
Custom tariff number	85444290
Country of origin	Germany

## Technical data

### General

Rated voltage	125 V AC
	150 V DC
Number of positions	12
Number of slots	8
Sensor/actuator connection system	M8 socket

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)

### Master cable data/connection data

Connection method	M16 plug connection
Length of cable	5 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	8x 0.34 mm <sup>2</sup>
AWG signal line	22

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## Technical data

### Master cable data/connection data

Conductor structure signal line	42x 0.10 mm
Power supply cross section	2x 0.75 mm <sup>2</sup>
AWG power supply	18
Conductor structure, voltage supply	96x 0.10 mm
External diameter	8.7 mm
Max. bending cycles	1500000
Bending radius	100 mm
Traversing path	2 m
Traversing rate	2 m/s

### Insulation material

Housing material	PUR
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of the contact carrier on the master cable side	TPU
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated
Sealing material	NBR

### Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = P = WH
	2 / 4 (A) = J = GN
	3 / 4 (A) = T = YE
	4 / 4 (A) = S = GY
	5 / 4 (A) = G = PK
	6 / 4 (A) = R = RD
	7 / 4 (A) = E = BK
	8 / 4 (A) = O = VT
	1-8 / 3 (0 V) = L+U = BU

## 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

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## Classifications

### ETIM

ETIM 2.0	EC000104
ETIM 3.0	EC000104
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

## Approvals

### Approvals

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### Approvals

EAC

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### Ex Approvals

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### Approvals submitted

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## Approval details

EAC
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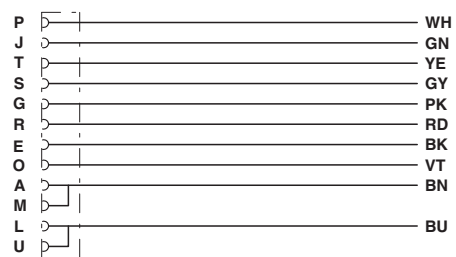
## Drawings

Cable cross section



PUR/PVC black [PUR]

Circuit diagram



Contact assignment of the M16 socket

