

# Master cable - SAC-14P- 5,0-PUR/M16FR - 1693746


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Master cable, application: Sensor/actuator box, connection method: M8 socket Metal, number of slots: 10, number of positions: 14, slot assignment: single, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 5 m, shielding: no

RoHS

## Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 189082
GTIN	4017918189082
Sales Key	02

## Technical data

### General

Rated voltage	125 V AC 150 V DC
Number of positions	14
Number of slots	10
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	10x 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	9.1 mm
Max. bending cycles	1500000
Bending radius	100 mm
Traversing path	2 m
Traversing rate	2 m/s

### Insulation material

Housing material	PUR
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
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
	9 / 4 (A) = C = WH/PK
	10 / 4 (A) = N = PK/BN
	1-10 / 1 (+120 V) = A+M = BN
	1-10 / 3 (0 V) = L+U = BU

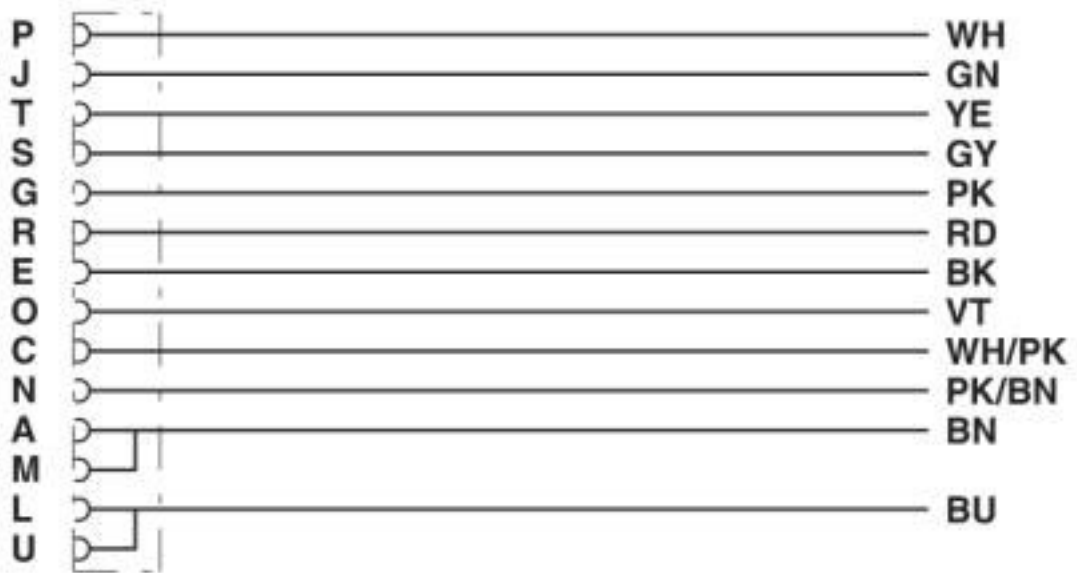
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

# Master cable - SAC-14P- 5,0-PUR/M16FR - 1693746

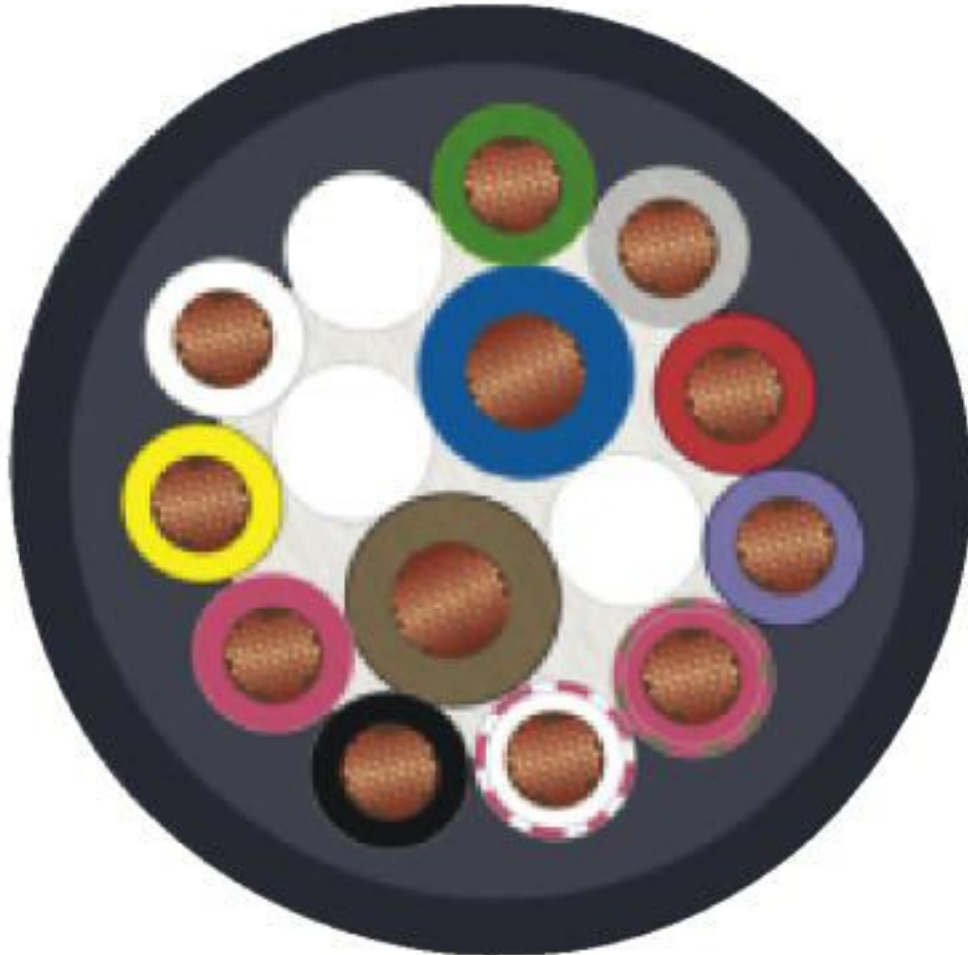
Circuit diagram



Contact assignment of the M16 socket

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Cable cross section



PUR/PVC black [PUR]

## Classifications

eCl@ss

eCl@ss 10.0.1	27060311
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

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## Classifications

### ETIM

ETIM 2.0	EC000104
ETIM 3.0	EC000104
ETIM 4.0	EC001855
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	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
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

## Approvals

### Approvals

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#### Approvals

EAC

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#### Ex Approvals

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### Approval details

EAC		19060508
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