

# Master cable - SAC-14P-15,0-PUR/M16FR - 1527472


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Master cable, application: Sensor/actuator box 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: 15 m, shielding: no



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 958954
GTIN	4017918958954

## Technical data

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP67

### General

Rated voltage	125 V AC
	150 V DC
Number of positions	14
Connection method	Fixed connection

### Material

Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Sealing material	NBR
Housing material	PUR

### Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	PUR

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## Technical data

### Cable

Cable abbreviation	LiYY11Y-HF
UL AWM style	20549
Conductor cross section	10x 0.34 mm <sup>2</sup> (Signal line) 2x 0.75 mm <sup>2</sup> (power line)
AWG signal line	22
AWG power supply	18
Conductor structure signal line	19x 0.15 mm
Conductor structure, voltage supply	42x 0.15 mm
Core diameter including insulation	1.3 mm ±0.1 mm (Signal line) 1.8 mm ±0.1 mm (power line)
Wire colors	brown, blue, white, green, yellow, gray, pink, red, black, violet, white/ pink, pink/brown
Overall twist	Wires twisted in layers
External sheath, color	black RAL 9005
Inner sheath thickness	≥ 0.15 mm
Outer sheath thickness	≥ 0.38 mm
External cable diameter D	8.6 mm ±0.2 mm
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Number of bending cycles	1500000
Bending radius	86 mm
Traversing path	2 m
Traversing rate	2 m/s
Cable weight	111.1 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	300 V
Test voltage, cable	2000 V
Special properties	Silicone-free
Flame resistance	DIN EN 50265
Resistance to oil	according to VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation) -5 °C ... 80 °C (cable, flexible installation)

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years

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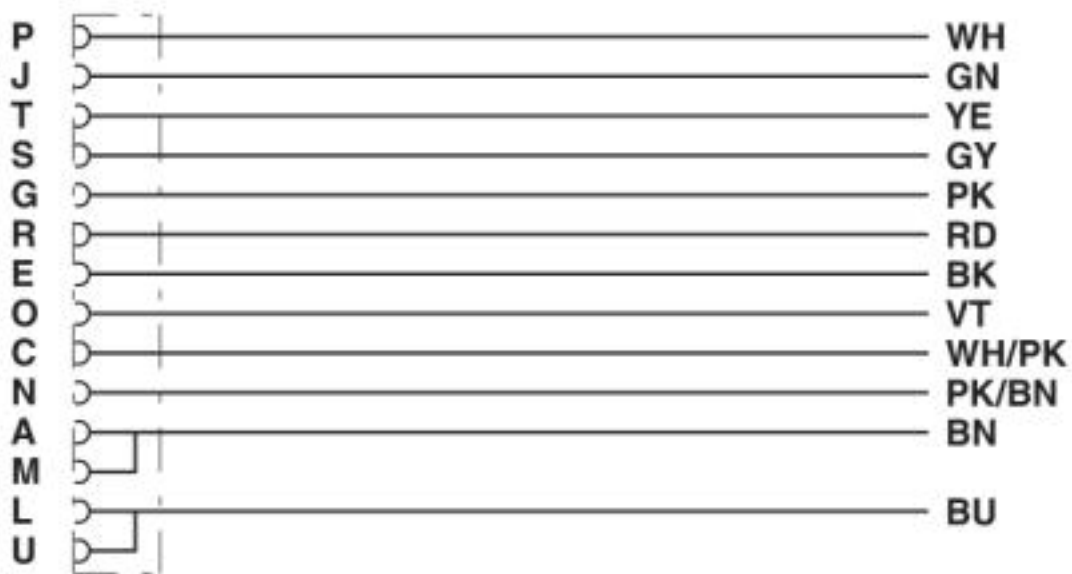
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Drawings

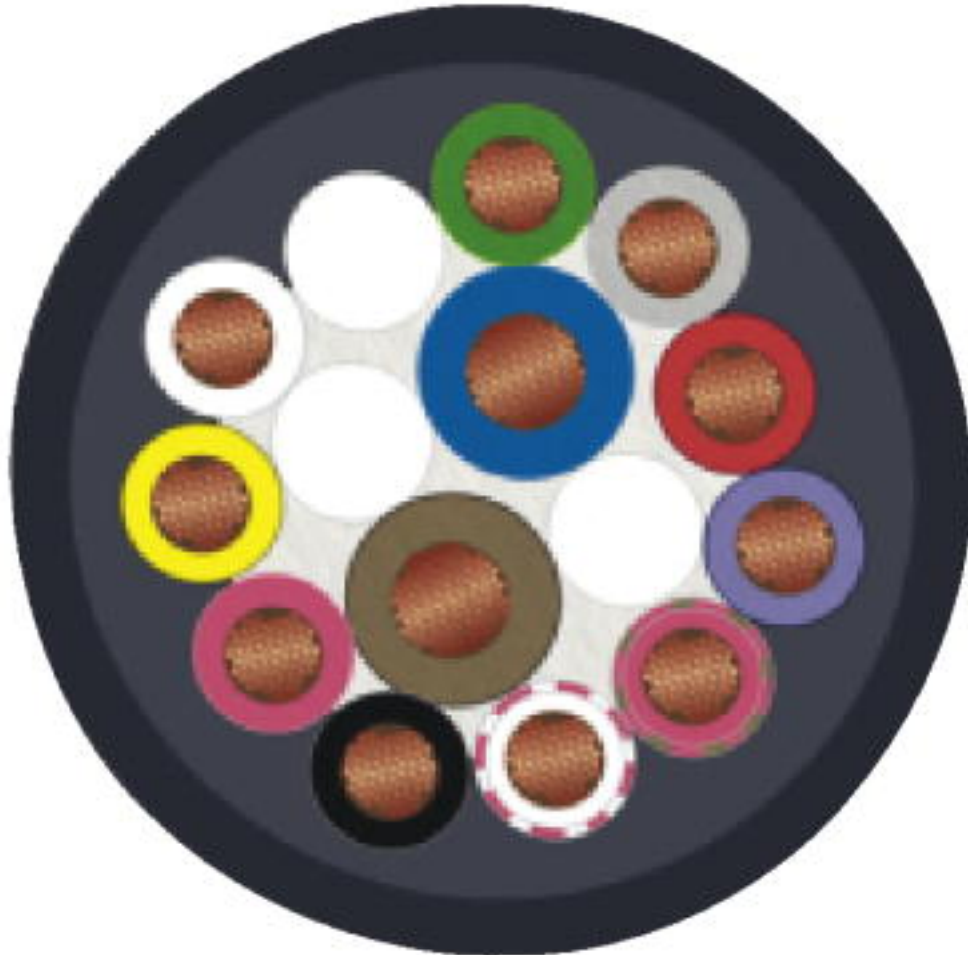
Circuit diagram



Contact assignment of the M16 socket

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Cable cross section



PUR/PVC black [PUR]

## Classifications

eCl@ss

eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801
eCl@ss 9.0	27061801

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## Classifications

### ETIM

ETIM 2.0	EC000104
ETIM 3.0	EC000104
ETIM 4.0	EC000104
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	26121604
UNSPSC 18.0	26121604
UNSPSC 19.0	26121604
UNSPSC 20.0	26121604
UNSPSC 21.0	26121604

## 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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