

# 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)
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### 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

### Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	PUR
Cable abbreviation	LiYY11Y-HF
UL AWM style	20549

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## Technical data

### Cable

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)

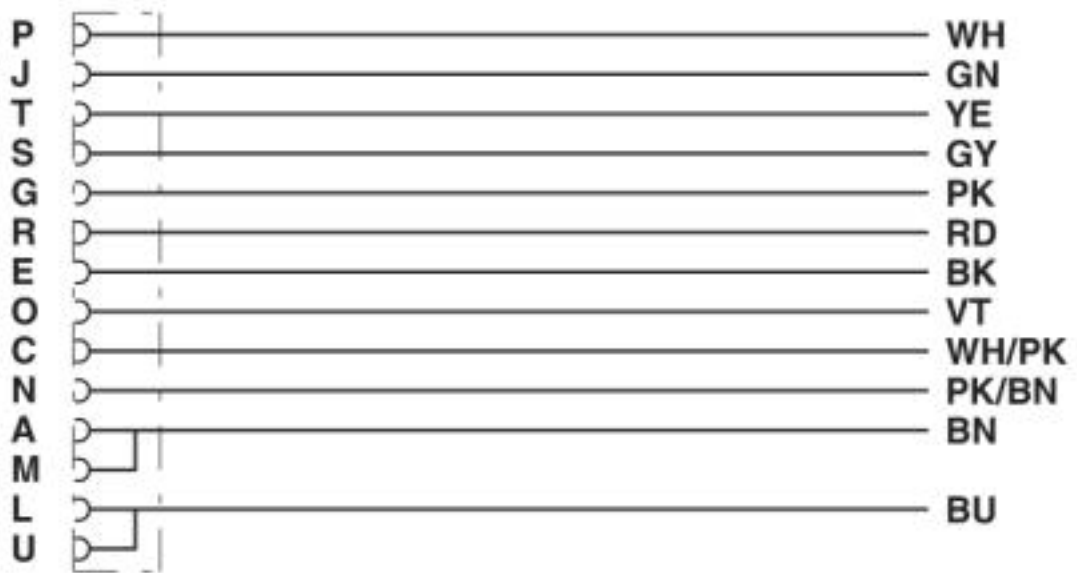
### Environmental Product Compliance

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

### Drawings

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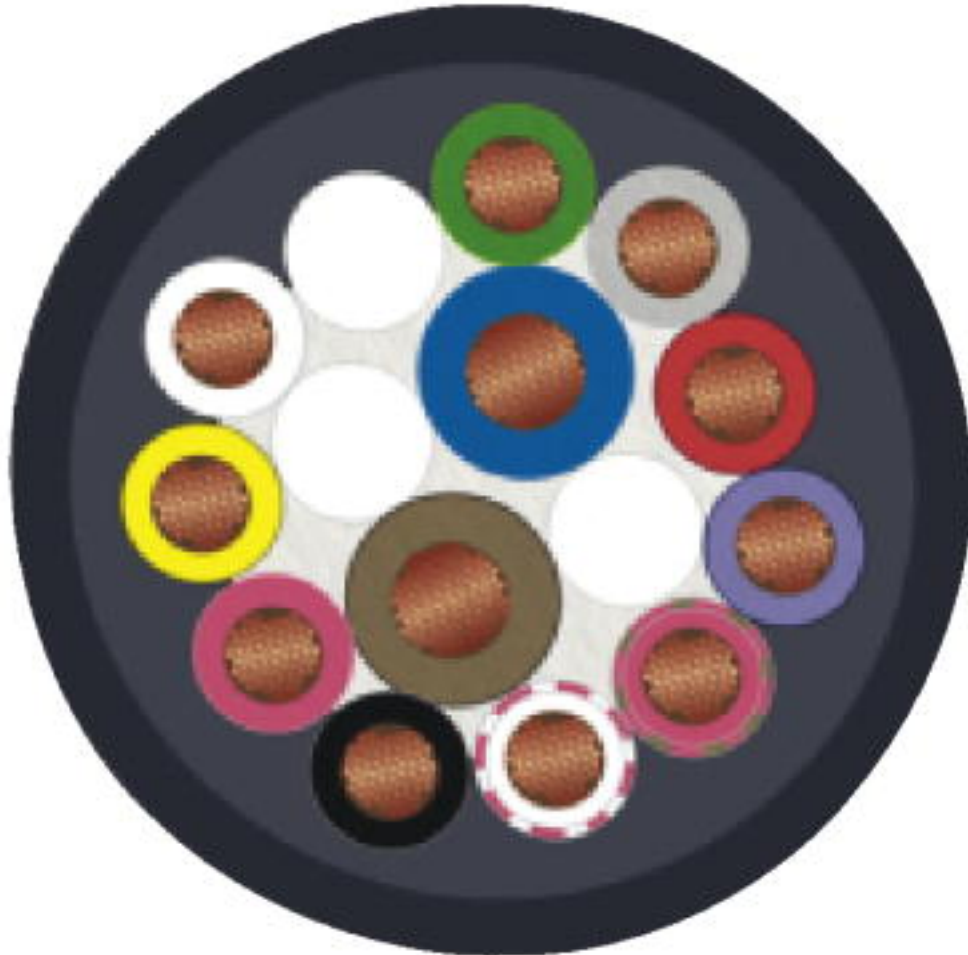
Circuit diagram



Contact assignment of the M16 socket

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Cable cross section



PUR/PVC black [PUR]

## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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Approval details

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

### Approvals

EAC



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