

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


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Master cable, 14-position, PUR/PVC, deep black RAL 9005, free cable end, on Socket angled M16, cable length: 15 m



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 958954
GTIN	4017918958954

## Technical data

### Dimensions

Length of cable	15 m
Stripping length of the free conductor end	50 mm

### Ambient conditions

Degree of protection	IP67
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### General

Rated current at 40°C	4 A (for 0.34 mm <sup>2</sup> , 6 A for 0.75 mm <sup>2</sup> )
Rated voltage	125 V AC 150 V DC
Number of positions	14
Connection method	M16 plug connection

### Material

Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Nickel-plated brass

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## Technical data

### Material

Sealing material	NBR
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### Cable

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

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## Technical data

### Environmental Product Compliance

REACH SVHC	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

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

EAC		B.00767
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