

# SAC-14P-10,0-PUR/M16FR - Master cable



1693759

<https://www.phoenixcontact.com/pc/products/1693759>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Master cable, application: Sensor/actuator box, number of slots: 10, number of positions: 14, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 10 m, shielding: no, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1260741

## Commercial data

Item number	1693759
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	02
Product key	ABRDAB
Catalog page	Page 311 (C-2-2019)
GTIN	4017918189099
Weight per piece (including packing)	1,278 g
Weight per piece (excluding packing)	1,291.597 g
Customs tariff number	85444290
Country of origin	DE

# SAC-14P-10,0-PUR/M16FR - Master cable



1693759

<https://www.phoenixcontact.com/pc/products/1693759>

## Technical data

### Product properties

Product type	Master cable, assembled
Application	Sensor/actuator box
Number of positions	14
Number of slots	10

### Data management status

Article revision	12
------------------	----

### Electrical properties

Nominal voltage $U_N$	48 V AC
	60 V DC

### Connection data

Connection method	Fixed connection
-------------------	------------------

### Signaling

Status display present	No
------------------------	----

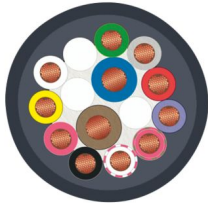
### Material specifications

Material Housing	PUR
Material Threaded sleeve	Cu alloy
Seal material	NBR
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	TPU
Material of contact surface, master cable side	gold-plated

### Cable/line

Cable length	10 m
--------------	------

### PUR/PVC black [PUR]

Dimensional drawing	
Cable weight	111.1 kg/km
UL AWM Style	20549
Number of positions	12
Shielded	no

# SAC-14P-10,0-PUR/M16FR - Master cable



1693759

<https://www.phoenixcontact.com/pc/products/1693759>

Cable type	PUR/PVC black [PUR]
Conductor structure signal line	19x 0.15 mm
AWG signal line	22
Conductor cross section	10x 0.34 mm <sup>2</sup> (Signal line) 2x 0.75 mm <sup>2</sup> (power line)
Wire diameter incl. insulation	1.3 mm ±0.1 mm (Signal line) 1.8 mm ±0.1 mm (power line)
External cable diameter	8.60 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, white, green, yellow, gray, pink, red, black, violet, white/pink, pink/brown
Inner sheath thickness	≥ 0.15 mm
Thickness, outer sheath	≥ 0.38 mm
Overall twist	Wires twisted in layers
Nominal voltage, cable	300 V
Test voltage	2000 V
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	65 mm
Smallest bending radius, movable installation	86 mm
Max. bending cycles	1500000
Bending radius	86 mm
Traversing path	2 m
Traversing rate	2 m/s
Flame resistance	DIN EN 50265
Resistance to oil	according to VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Special properties	Silicone-free
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation) 80 °C (in acc. with UL)

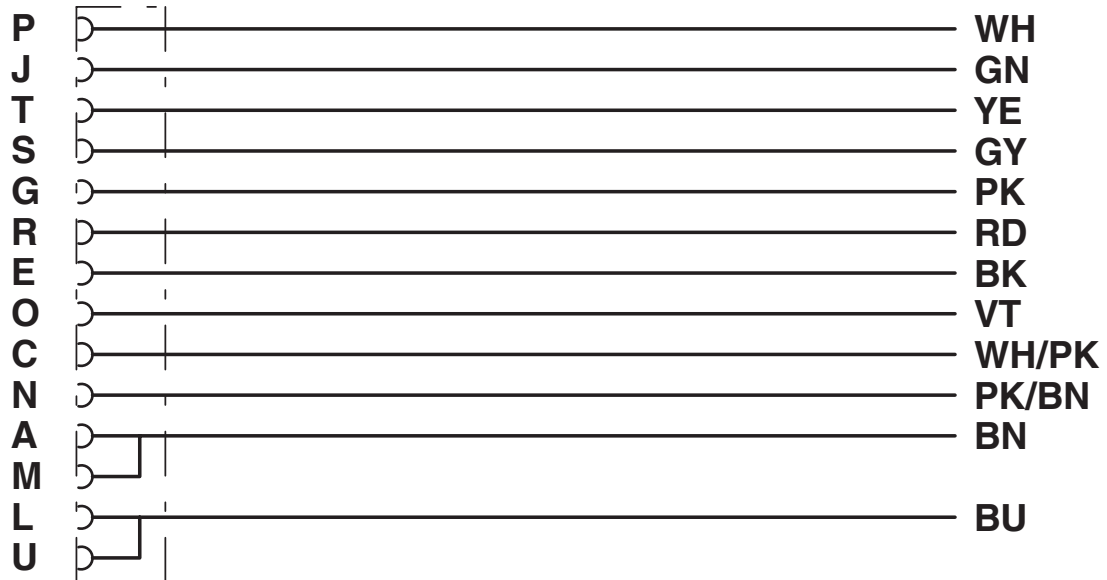
## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket) -40 °C ... 90 °C (cable, fixed installation)

Drawings

Circuit diagram



# SAC-14P-10,0-PUR/M16FR - Master cable



1693759

<https://www.phoenixcontact.com/pc/products/1693759>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1693759>



**EAC**

Approval ID: 19060508

# SAC-14P-10,0-PUR/M16FR - Master cable



1693759

<https://www.phoenixcontact.com/pc/products/1693759>

## Classifications

### ECLASS

ECLASS-11.0	27060311
ECLASS-12.0	27060311
ECLASS-13.0	27060311

### ETIM

ETIM 9.0	EC001855
----------	----------

### UNSPSC

UNSPSC 21.0	26121600
-------------	----------

1693759

<https://www.phoenixcontact.com/pc/products/1693759>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	411590d6-11f8-4132-87ce-e6e13db36612

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

[info@phoenixcontact.com](mailto:info@phoenixcontact.com)