

# SAC-10P-10,0-PUR/M16FR

Order No.: 1693717

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1693717>

Female connector M16, angled, for box with 6 slots

**Commercial data**

EAN	4017918189051
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	0.903 KG
Catalog page information	Page 126 (PC-2009)

**Product notes**WEEE/RoHS-compliant since:  
12/05/2006

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**Technical data****General data**

Nominal voltage $U_N$	125 V AC
	150 V DC
Number of positions	10

Number of slots	6
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (plug/socket)
	-40 °C ... 90 °C (cable, fixed installation)

#### Master cable data

Type of connection	M16 plug connection
Length of cable	10 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	6x 0.34 mm <sup>2</sup>
AWG signal line	22
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	8.2 mm
Max. bending cycles	1500000
Bending radius	100 mm
Traversing path	2 m
Traversing rate	2 m/s
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)

#### Insulation material

Housing material	PUR
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

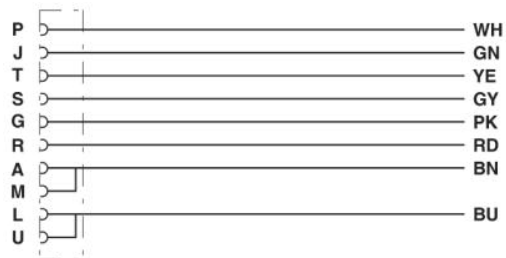
#### Anschlussbelegung

Steckplatz/Pol = Pin = Aderfarbe	1 / 4 (A) = P = WH
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	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
	1-6 / 1 (+ 120 V) = A+M = BN
	1-6 / 3 (0 V) = L+U = BU

## Drawings

### Circuit diagram



**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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