

Master cable - SAC-14P- 5,0-PUR/M16FR - 1693746

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Master cable, Number of slots: 10, Number of positions: 14, Status indication: No, Universal; Master cable connection: M16 plug connection, PUR/PVC, Cable length: 5 m, Shielding: No

Key commercial data

package_quantity	1
GTIN	4017918189082

Technical data

General

Rated voltage	125 V AC
Rated voltage	150 V DC
Number of positions	14
Number of slots	10

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
Ambient temperature (operation)	-5 °C ... 80 °C (for flexible installation)

Master cable data/connection data

Connection method	M16 plug connection
Length of cable	5 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	10x 0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Power supply cross section	2x 0.75 mm ²
AWG power supply	18
Conductor structure, voltage supply	96x 0.10 mm
External diameter	9.1 mm
Max. bending cycles	1500000
Bending radius	100 mm
Traversing path	2 m
Traversing rate	2 m/s

Master cable - SAC-14P- 5,0-PUR/M16FR - 1693746

Technical data

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

Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = P = WH
Slot/position = pin = conductor color	2 / 4 (A) = J = GN
Slot/position = pin = conductor color	3 / 4 (A) = T = YE
Slot/position = pin = conductor color	4 / 4 (A) = S = GY
Slot/position = pin = conductor color	5 / 4 (A) = G = PK
Slot/position = pin = conductor color	6 / 4 (A) = R = RD
Slot/position = pin = conductor color	7 / 4 (A) = E = BK
Slot/position = pin = conductor color	8 / 4 (A) = O = VT
Slot/position = pin = conductor color	9 / 4 (A) = C = WH/PK
Slot/position = pin = conductor color	10 / 4 (A) = N = PK/BN
Slot/position = pin = conductor color	1-10 / 1 (+120 V) = A+M = BN
Slot/position = pin = conductor color	1-10 / 3 (0 V) = L+U = BU

classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

ETIM

ETIM 2.0	EC000104
ETIM 3.0	EC000104
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501

Master cable - SAC-14P- 5,0-PUR/M16FR - 1693746

classifications

UNSPSC

UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

approvals

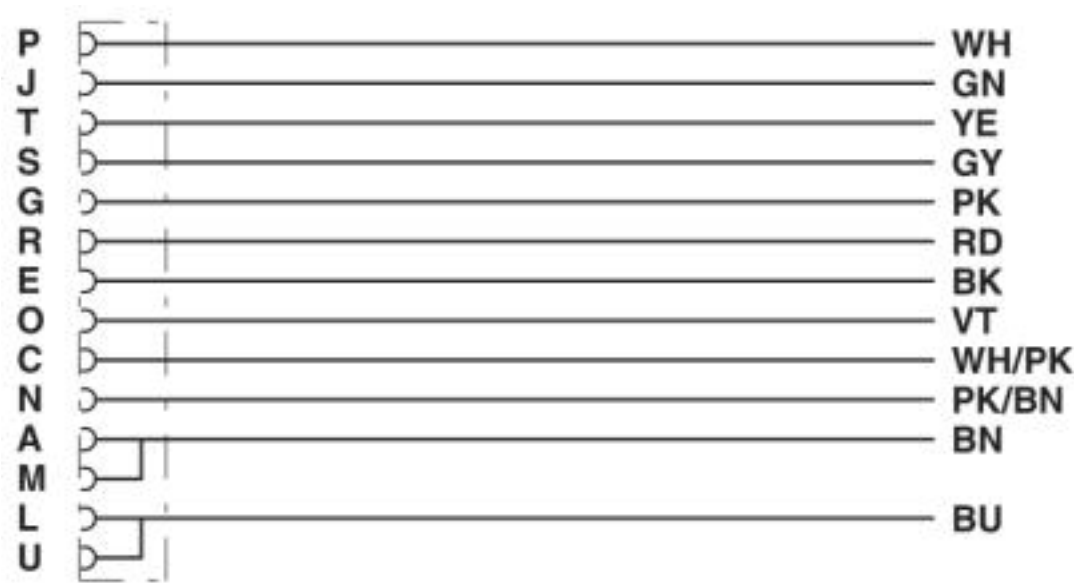
GOST / GOST /

Approval details



Drawings

Circuit diagram



Contact assignment of the M16 socket