Master cable - SAC-12P- 5,0-PUR/M16FR - 1693720

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Master cable, Number of slots: 8, Number of positions: 12, Status indication: No; Master cable connection: M16 plug connection, PUR/PVC, Cable length: 5 m, Shielding: No

Key commercial data

package_quantity	1
GTIN	4017918189068

Technical data

General

Rated voltage	125 V AC
Rated voltage	150 V DC
Number of positions	12
Number of slots	8

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	8x 0.34 mm²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Power supply cross section	2x 0.75 mm²
AWG power supply	18
Conductor structure, voltage supply	96x 0.10 mm
External diameter	8.7 mm
Max. bending cycles	1500000
Bending radius	100 mm
Traversing path	2 m
Traversing rate	2 m/s

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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	1-8 / 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
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

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approvals

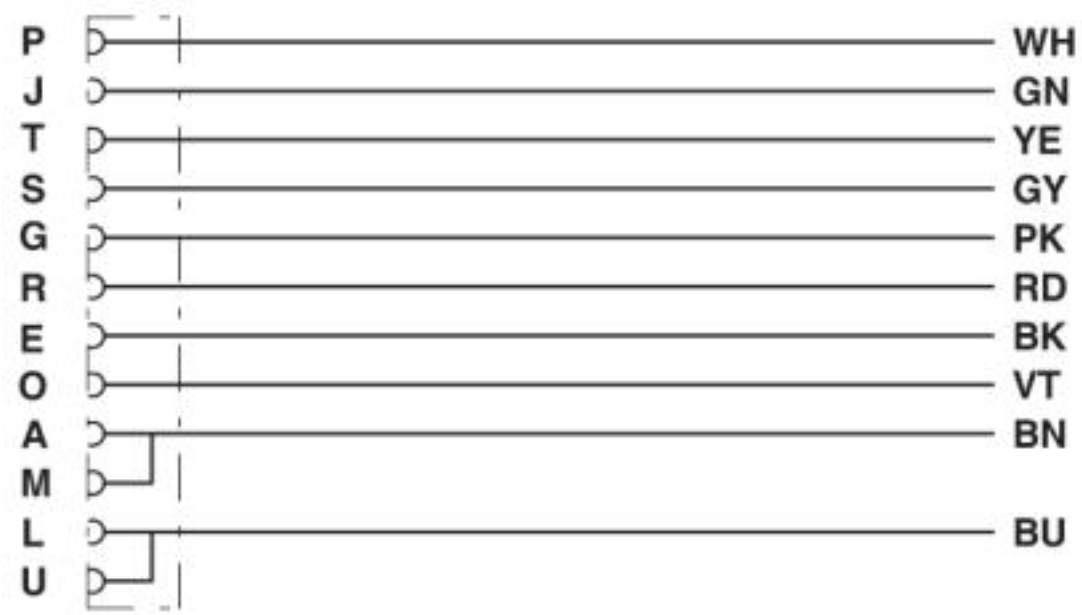
GOST / GOST /

Approval details

GOST

Drawings

Circuit diagram



Contact assignment of the M16 socket

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