

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

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Master cable, application: Sensor/actuator box, connection method: M8 socket Metal, number of slots: 10, number of positions: 14, slot assignment: single, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 5 m, shielding: no



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918189082
Sales Key	02

Technical data

General

Rated voltage	125 V AC 150 V DC
Number of positions	14
Number of slots	10
Sensor/actuator connection system	M8 socket

Ambient conditions

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

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Technical data

Master cable data/connection data

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

Insulation material

Housing material	PUR
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
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
	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
	7 / 4 (A) = E = BK
	8 / 4 (A) = O = VT
	9 / 4 (A) = C = WH/PK
	10 / 4 (A) = N = PK/BN
	1-10 / 1 (+120 V) = A+M = BN
	1-10 / 3 (0 V) = L+U = BU

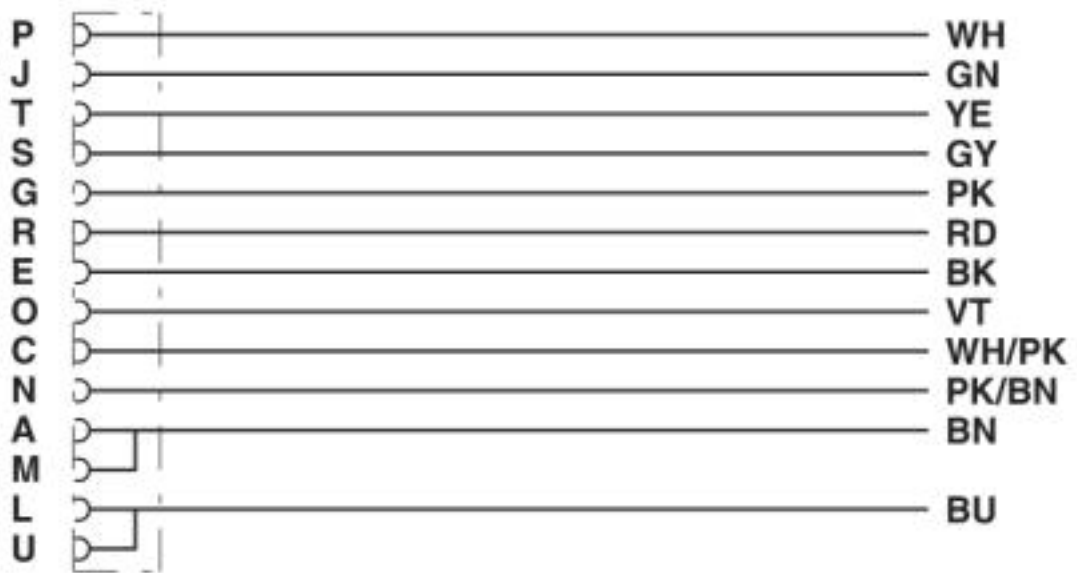
Environmental Product Compliance

	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

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

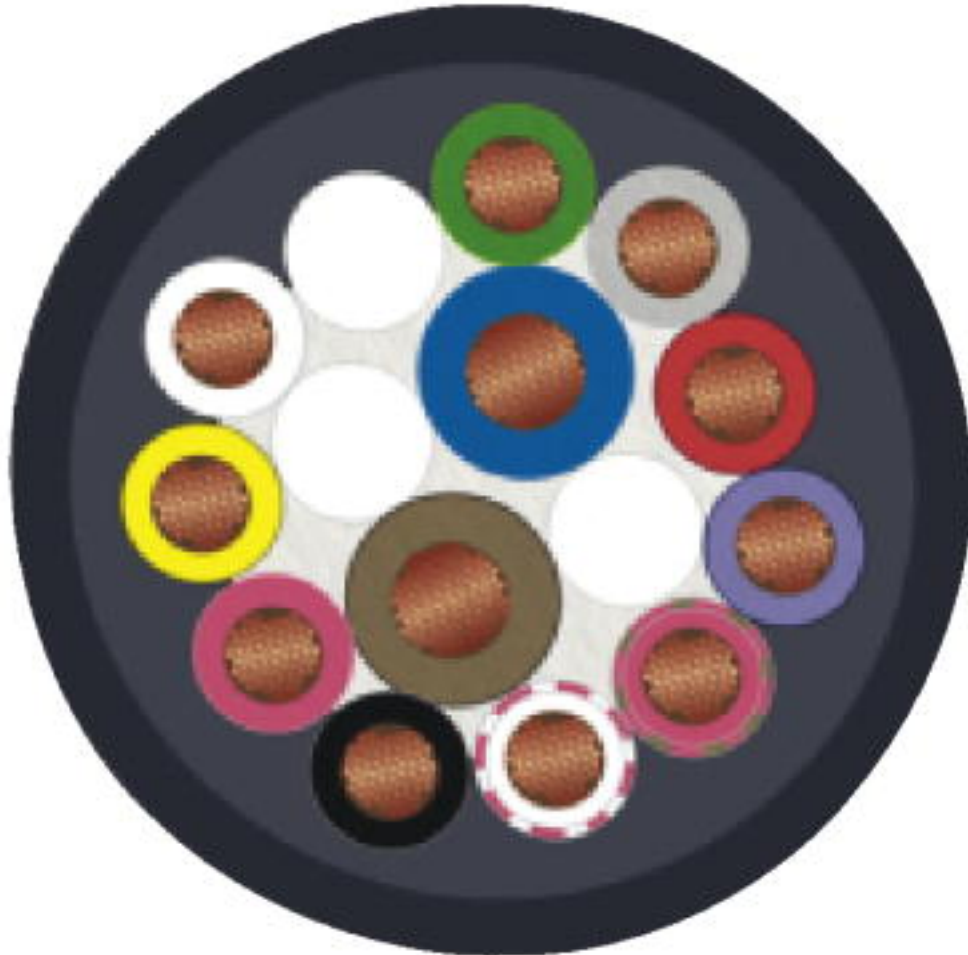
Circuit diagram



Contact assignment of the M16 socket

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Cable cross section



PUR/PVC black [PUR]

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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Approvals

EAC



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