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Sensor/actuator box - SACB-8/ 3-L- 5,0PUR M5 - 1530689

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Sensor/actuator box, Application: Standard, Connection method: M5 socket Metal, Number of slots: 8, Number of positions: 3, Slot assignment: single, Status indication: Yes, pnp; Master cable connection: Fixed connection 180°, PUR/PVC, Cable length: 5 m, Shielding: No

Why buy this product

- Safety in the field, thanks to molded housing and high degree of protection
- Flexible, distributed bundling of signals in one master cable
- Convenient: increased machine availability thanks to quick and easy diagnostics

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 993443

Technical data

General

Rated voltage	24 V DC
Max. operating voltage U_{max}	30 V DC
Current carrying capacity per I/O signal	1 A
Current carrying capacity per slot	1 A
Total rated current	3 A
Number of positions	3
Number of slots	8
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M5 socket

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 80 °C
	-30 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)

Local diagnostics function

Local diagnostics	Supply voltage Green LED
	Status display I/O Yellow LED

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Technical data

Master cable data/connection data

Connection method	Fixed connection
Length of cable	5 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	8x 0.25 mm ²
Power supply cross section	2x 0.5 mm ²
External diameter	6 mm
Max. bending cycles	1000000

Insulation material

Housing material	PA-GF
Contact material	CuZn
Contact surface material	Ni/Au
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	7 / 4 (A) = BK
	8 / 4 (A) = VT
	1-8 / 1 (+ 24 V) = BN
	1-8 / 3 (0 V) = BU

Standards and Regulations

Standard designation	M5 connector
Standards/regulations	IEC 61076-2-105
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27279219

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Classifications

ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC002585

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

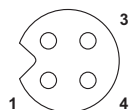
Approvals submitted

Approval details

EAC

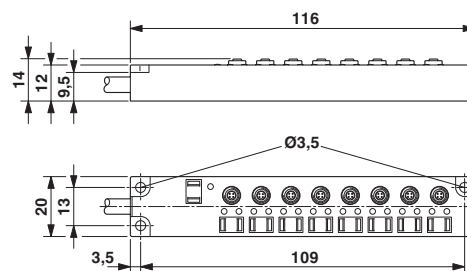
Drawings

Schematic diagram



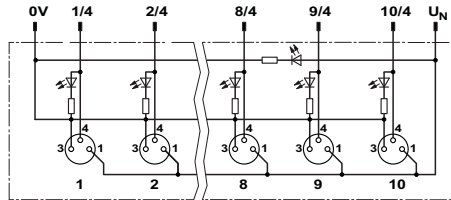
M5 slot, socket, 3-pos.

Dimensional drawing



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Circuit diagram



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