

## Sensor/actuator box - SACB-10/3-M16-M8 - 1553527

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Sensor/actuator box, connection method: M8 socket, number of slots: 10, number of positions: 3, status display: No; master cable connection: M16 plug connection, shielding: no

Figure shows version with diagnostic and status indicator



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	
GTIN	4046356158350

### Technical data

#### General

Rated voltage	24 V DC
Max. operating voltage $U_{max}$	30 V DC
Current carrying capacity per I/O signal	2 A
Current carrying capacity per slot	2 A
Total rated current	6 A
Number of positions	3
Number of slots	10
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M8 socket

#### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-30 °C ... 80 °C

#### Master cable data/connection data

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## Technical data

### Master cable data/connection data

Connection method	M16 plug connection
Tightening torque - master cable - plug connection	1.5 Nm
Tightening torque slot sensor/actuator cable	0.2 Nm

### Insulation material

Housing material	PBT
Material of the moulding mass	PUR
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated
O-ring material	NBR

### Pin assignment

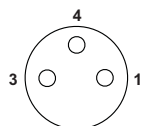
Slot/position = Wire color or connection	1 / 4 (A) = P = WH
	2 / 4 (A) = J = GN
	3 / 4 (A) = T = YE
	4 / 4 (A) = S = GY
	5 / 4 (A) = G = PK
	6 / 4 (A) = R = RD
	7 / 4 (A) = E = BK
	8 / 4 (A) = O = VT
	9 / 4 (A) = C = WH/PK
	10 / 4 (A) = N = PK/BN
	1-10 / 1 (+24 V) = A+M = BN
	1-10 / 3 (0 V) = L+U = BU

### Standards and Regulations

Flammability rating according to UL 94	V0
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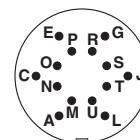
## Drawings

Schematic diagram



M8 slot, socket, 3-pos.

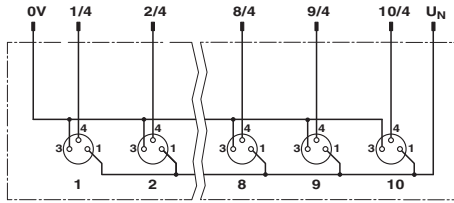
Schematic diagram



M16 plug connection pin, 14-pos.

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Circuit diagram



Dimensional drawing

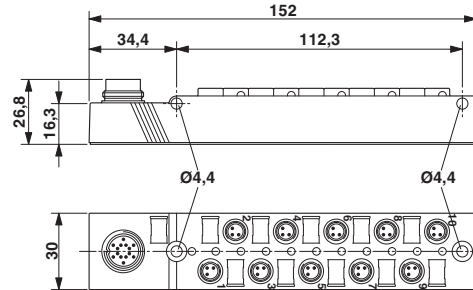


Figure shows version with diagnostic and status indicator

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