

Sensor/actuator box - SACB-8/16-L- 5,0PVC FB - 1555541

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Sensor/actuator box, Connection method: M12 socket Stainless steel, Number of slots: 8, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Fixed connection 180°, PVC, Cable length: 5 m, Shielding: No

Product Features

- ✓ 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
- ✓ Save space: distributor box with double occupancy for two sensors in one slot

Key commercial data

package_quantity	1
GTIN	4046356170529

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	4 A
Total rated current	12 A
Number of positions	5
Number of slots	8
Sensor/actuator connection system	M12 socket

Ambient conditions

Degree of protection	IP65
Degree of protection	IP67
Degree of protection	IP69K
Ambient temperature (operation)	-30 °C ... 80 °C
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
Ambient temperature (operation)	-5 °C ... 80 °C (for flexible installation)

Local diagnostics function

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

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Technical data

Master cable connection data

Connection method	Fixed connection
Length of cable	5 m
Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque screw plug	0.4 Nm

Insulation material

Housing material	Stainless steel 1.4404
Material of the moulding mass	PUR
Contact material	CuSn6
Contact surface material	Gold-plated
Contact carrier material	PBT
Material of threaded sleeve	Stainless steel 1.4404

Pin assignment

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

classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

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classifications

eCl@ss

eCl@ss 8.0	27449001
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ETIM

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

GOST /

Approval details

 GOST
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accessories

Protective cap

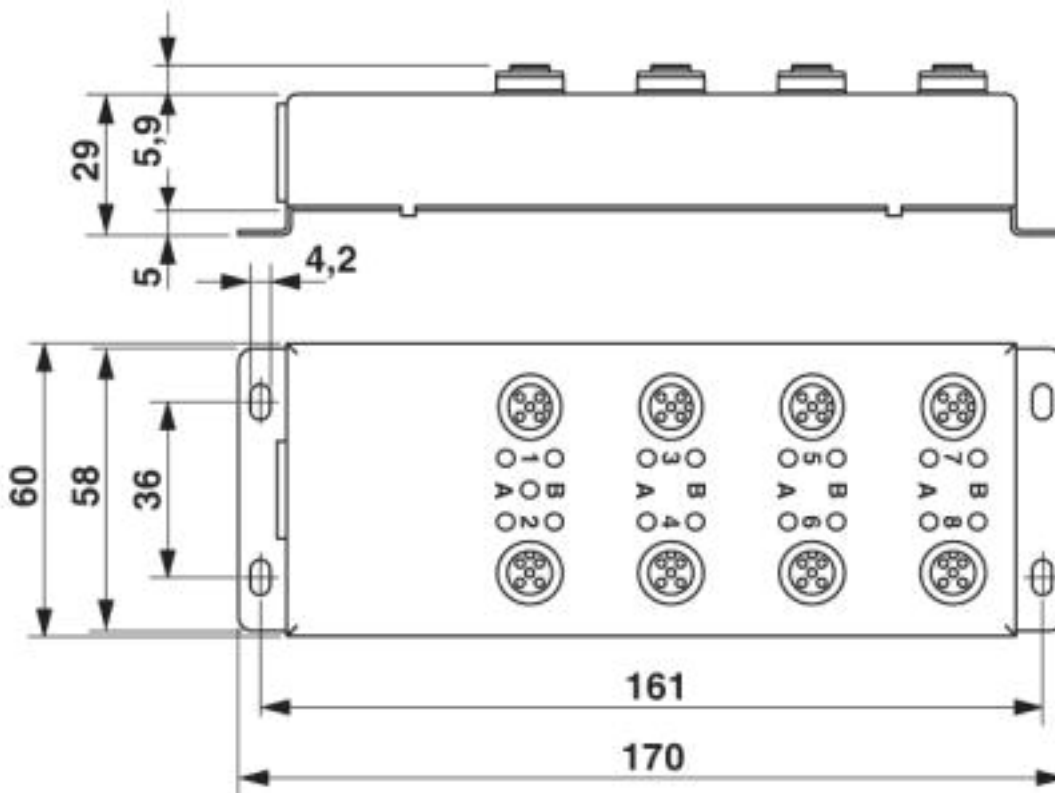
PROT-M12 FB - 1555538



Drawings

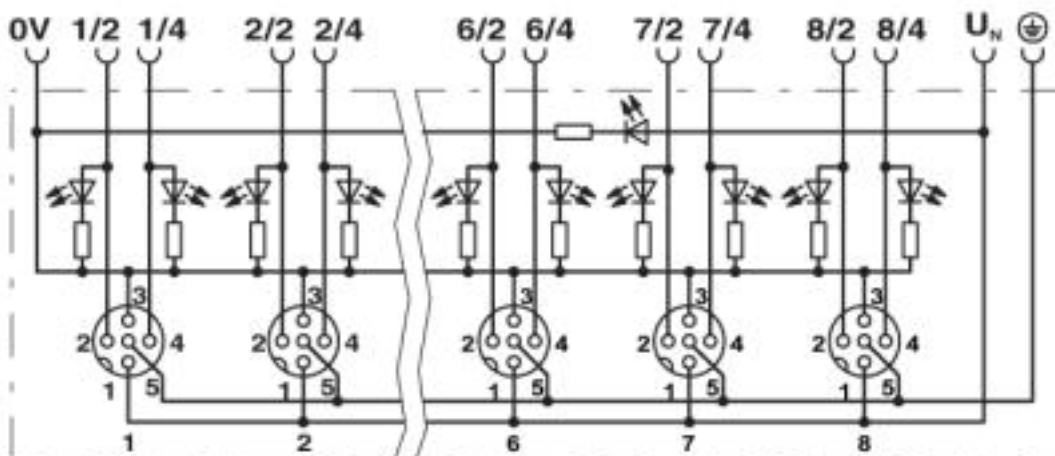
Sensor/actuator box - SACB-8/16-L- 5,0PVC FB - 1555541

Dimensioned drawing



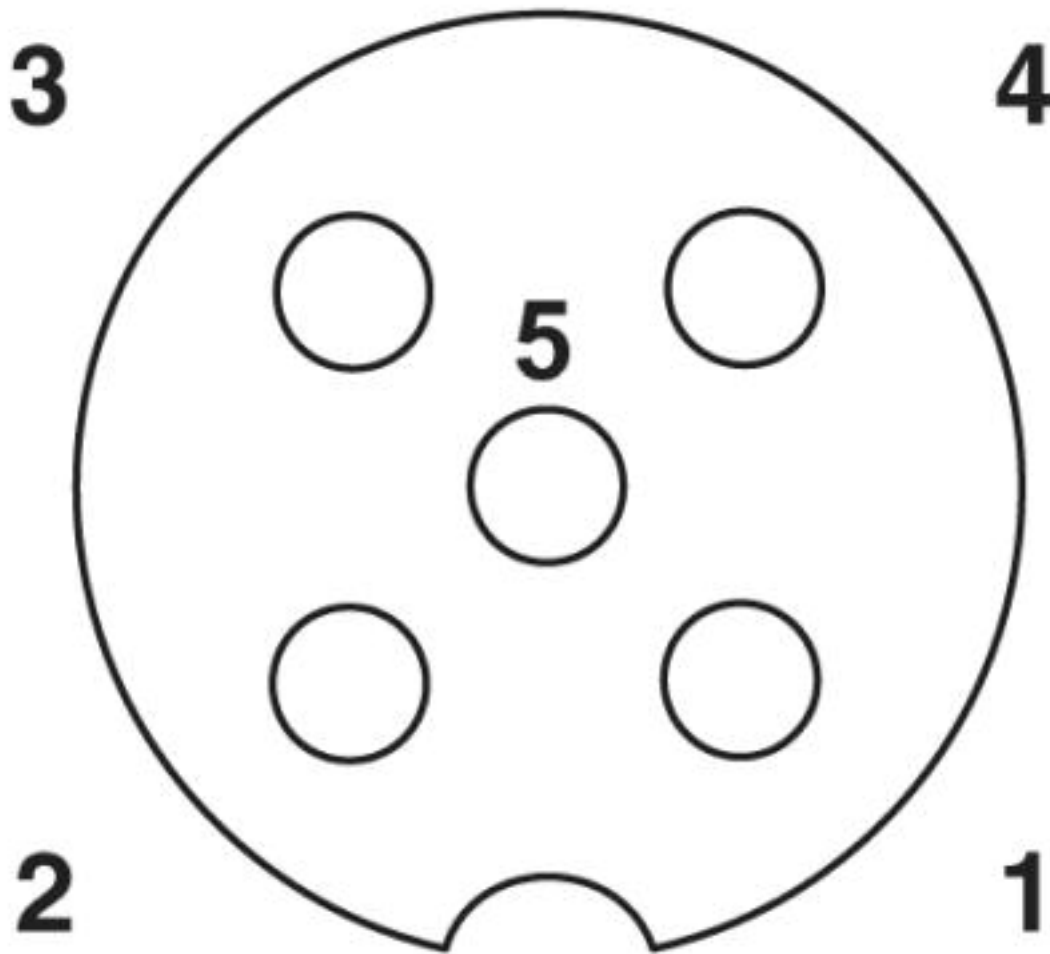
Dimensional drawing

Circuit diagram



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Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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