

SACB-8/16-L-10,0PVC FB

Order No.: 1555554



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1555554>

Sensor/actuator box, M12 socket, 8 slots, 5-pos., double occupancy,
status indicator: yes, pnp, master cable connection: Fixed connection
180°, PVC, cable length: 10 m, shielding: No

Commercial data

GTIN (EAN)	
sales group	D101
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 213 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
02/01/2007



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Technical data

General data

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
Degree of protection	IP65/IP67/IP69K
Ambient temperature (operation)	-30 °C ... 80 °C
Sensor/actuator connection system	M12 female connector

Local diagnostics function

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

Master cable data

Connection method	Fixed connection
Length of cable	10 m
Signal line cross section	16x 0.5 mm ²
AWG signal line	20
Conductor structure signal line	64x 0.10 mm
Power supply cross section	3x 1 mm ²
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	11.6 mm
Max. bending cycles	1000000
Traversing path	5 m
Traversing rate	3 m/s
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation) -5 °C ... 80 °C (for flexible installation)
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

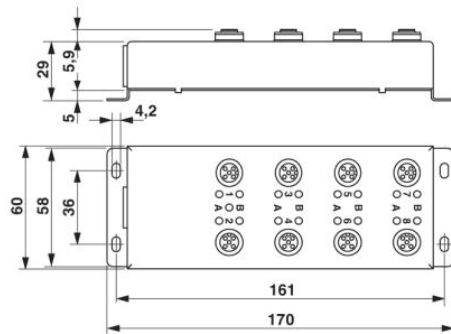
Slot/position = Wire color or connection	1 / 4 (A) = WH
	1 / 2 (B) = GY/PK
	2 / 4 (A) = GN
	2 / 2 (B) = RD/BU
	3 / 4 (A) = YE
	3 / 2 (B) = WH/GN
	4 / 4 (A) = GY
	4 / 2 (B) = BN/GN
	5 / 4 (A) = PK
	5 / 2 (B) = WH/YE
	6 / 4 (A) = RD
	6 / 2 (B) = YE/BN
	7 / 4 (A) = BK
	7 / 2 (B) = WH/GY
	8 / 4 (A) = VT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

Accessories

Item	Designation	Description
Protection and sealing elements		
1555538	PROT-M12 FB	M12 high-grade steel screw plug, for unoccupied M12 sockets of the sensor/actuator cables, boxes and flush-type connectors for the food industry

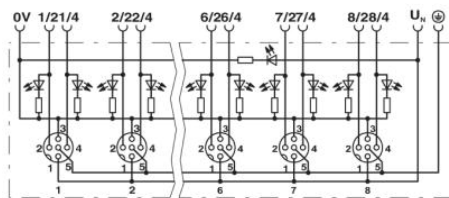
Diagrams/Drawings

Dimensioned drawing

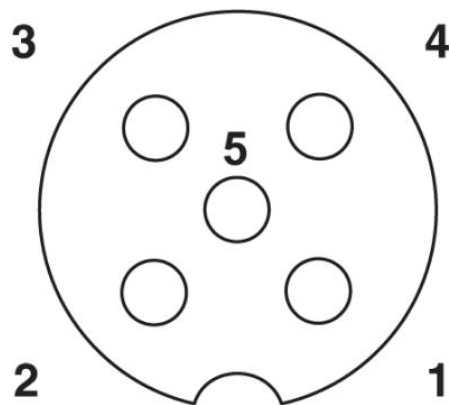


Dimensional drawing

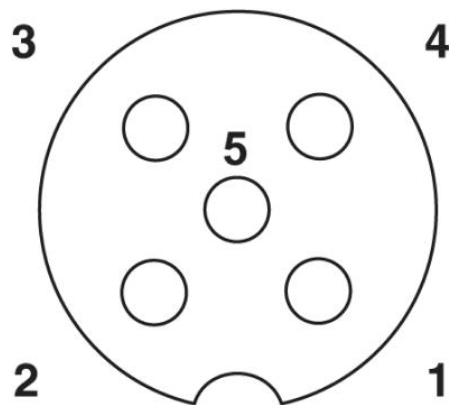
Circuit diagram



Schematic diagram



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



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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