

SACB-6/ 6-L-C GG SCO P NPN - Distributor box header



1418862
<https://www.phoenixcontact.com/us/products/1418862>

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Distributor box header, application: Standard, connection method: M12 socket Plastic, number of slots: 6, number of positions: 4, coding: A, slot assignment: Double, status display: yes, npn; master cable connection: Pluggable screw connection, shielding: no

Commercial data

Item number	1418862
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF3CBD
GTIN	4055626153315
Weight per piece (including packing)	153.2 g
Weight per piece (excluding packing)	153.2 g
Country of origin	PL

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Technical data

Product properties

Product type	Distributor box
Application	Standard
Number of positions	4
Number of slots	6
Coding	A
LED	yes

System properties

Local diagnostics

Monitored function	Supply voltage
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30 V DC
Local diagnostics	Supply voltage Green LED
	Status display I/O Yellow LED
Nominal voltage U_N	24 V DC
Rated current, total	10 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	4 A

Connection data

Conductor connection

Sensor/actuator connection system	M12 socket
Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque of mounting screw for fixing the housing	0.5 Nm

Connection 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
	1-6 / 1 (+ 24 V) = BN
	1-6 / 3 (0 V) = BU
	1-6 / 5 (PE) = GNYE

Signaling

Status display present	yes
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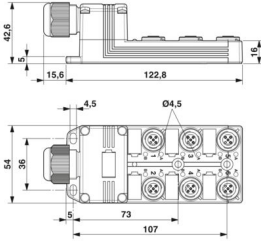
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Dimensions

Dimensional drawing	
Width	54 mm
Height	19 mm
Length	123 mm

Material specifications

Material Threaded sleeve	PBT
Material Housing	PBT
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Seal material O-ring	NBR
Contact material	Cu alloy
Contact surface material	gold-plated
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA
Material of contact surface, master cable side	Sn

Cable/line

Connection method	Pluggable screw connection
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

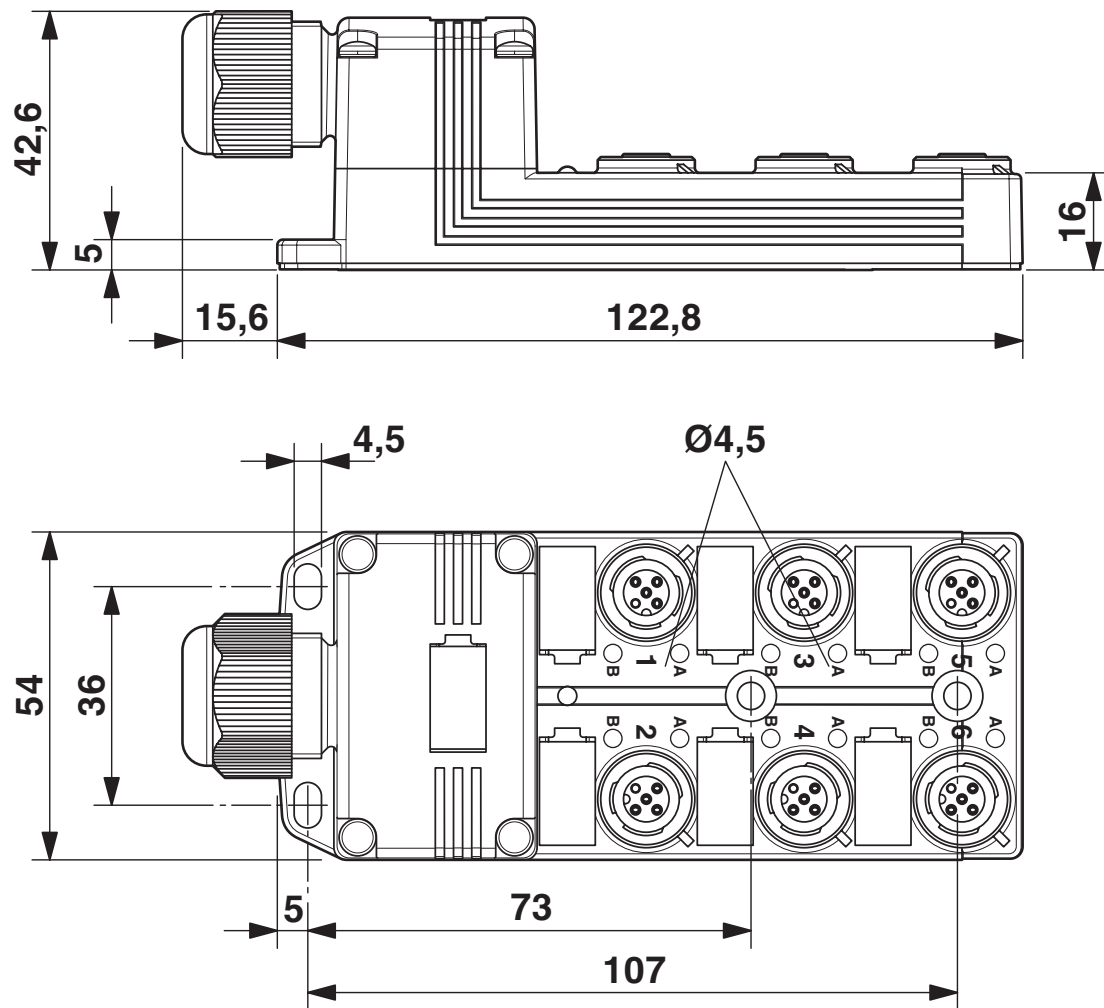
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Drawings

Dimensional drawing

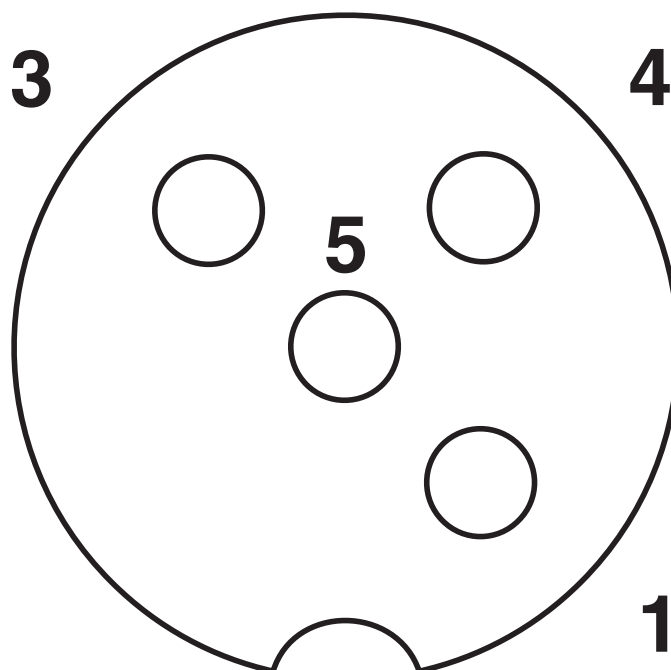


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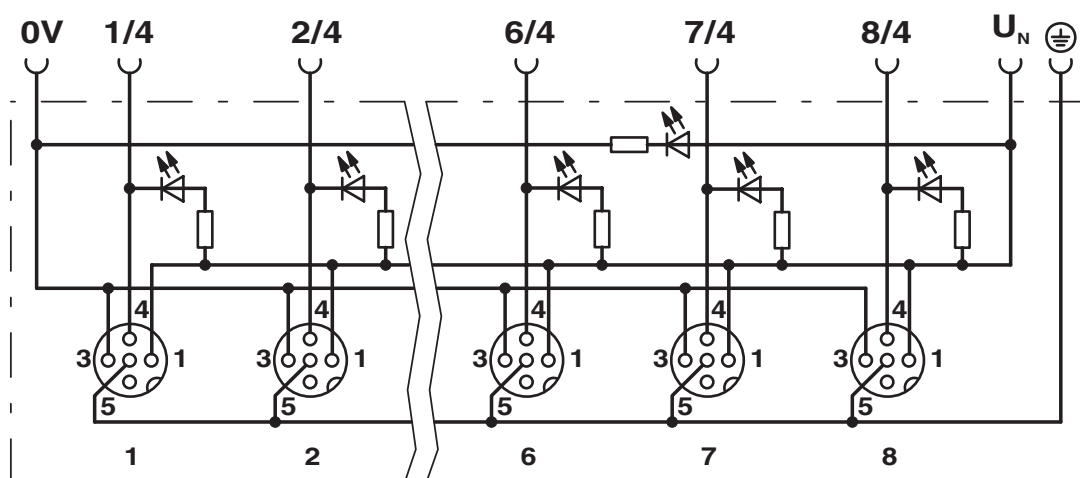
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Schematic diagram



M12 slot, socket, 4-pos.

Circuit diagram



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Classifications

ECLASS

ECLASS-13.0	27440111
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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