Sensor/actuator box header - SACB-4/ 4-L-C GG SCO P - 1452864

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Sensor/actuator box header, Connection method: M12-SPEEDCON-socket Plastic, Number of slots: 4, Number of positions: 4, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No

Key commercial data

package_quantity	1
GTIN	4046356553728

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	10 A
Number of positions	4
Number of slots	4
Inflammability class according to UL 94	V0
Sensor/actuator connection system	M12-SPEEDCON-socket

Ambient conditions

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

Local diagnostics function

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

Master cable data/connection data

Connection method	Pluggable screw connection
Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque screw plug	0.4 Nm

Insulation material

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Technical data

Insulation material

Housing material	PBT
Material of the moulding mass	PUR
Contact material	Cu alloy
Contact surface material	Gold-plated
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Sn
Material of the contact carrier on the master cable side	PA
Material of threaded sleeve	PBT
Material, O-ring	NBR
Sealing material	NBR (Connector hood)

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
Slot/position = Wire color or connection	2 / 4 (A) = GN
Slot/position = Wire color or connection	3 / 4 (A) = YE
Slot/position = Wire color or connection	4 / 4 (A) = GY
Slot/position = Wire color or connection	1-4 / 1 (+ 24 V) = BN
Slot/position = Wire color or connection	1-4 / 3 (0 V) = BU
Slot/position = Wire color or connection	1-4 / 5 (PE) = GN/YE

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	27279219
eCl@ss 7.0	27279219
eCl@ss 8.0	27279219

ETIM

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

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approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized /

Approval details

UL Recognized

Nominal voltage UN	24 V
Nominal current IN	
mm²/AWG/kcmil	

cUL Recognized

Nominal voltage UN	24 V
Nominal current IN	
mm²/AWG/kcmil	

GOST

cULus Recognized

accessories

Protective cap

PROT-MS SCO - 1553129



Device marking

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accessories

SS-ZB 17,5 WH - 0804963



SS-ZB 17,5 YE - 0804976



Labeled device marker

SS-ZB 17,5 WH CUS - 0824468



SS-ZB 17,5 YE CUS - 0824469



Torque tool

TSD 04 SAC - 1208429



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accessories

TSD-M 1,2NM - 1212224



Screwdriver tools

SACC BIT M12-D20 - 1208445



SZK PZ2 VDE - 1206463



Connector hood with master cable

SACB-C-H180-4/ 4- 5,0PUR SCO P - 1453054



SACB-C-H180-4/ 4-10,0PUR SCO P - 1453067



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accessories

SACB-C-H180-4/ 4 SCO P PUR/ - 1401391



Connector hood without master cable

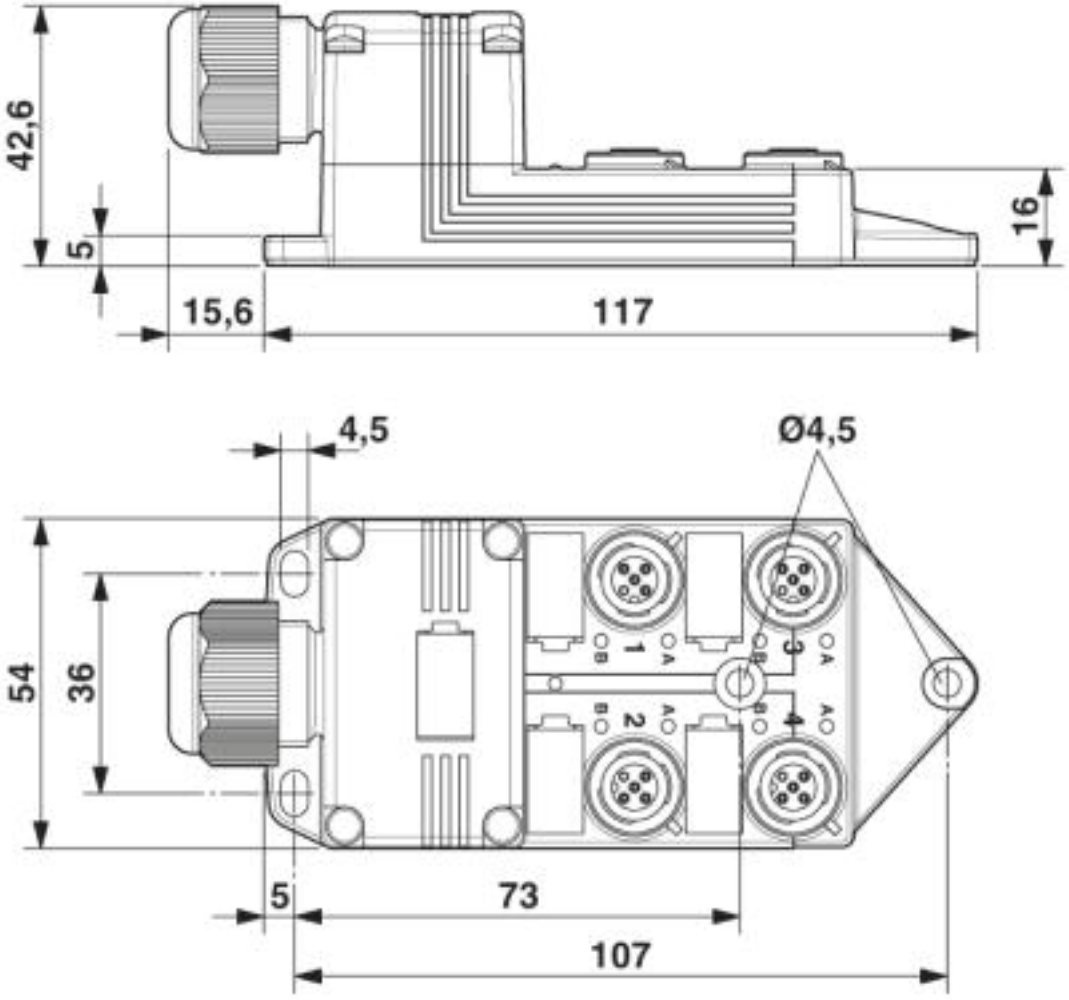
SACB-C-H180-8/16 SCO P - 1453229



Drawings

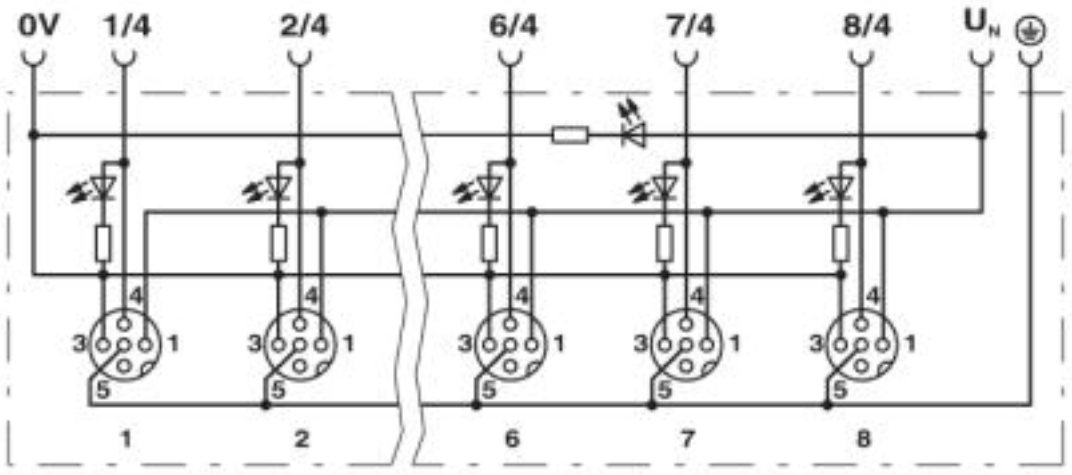
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Dimensioned drawing



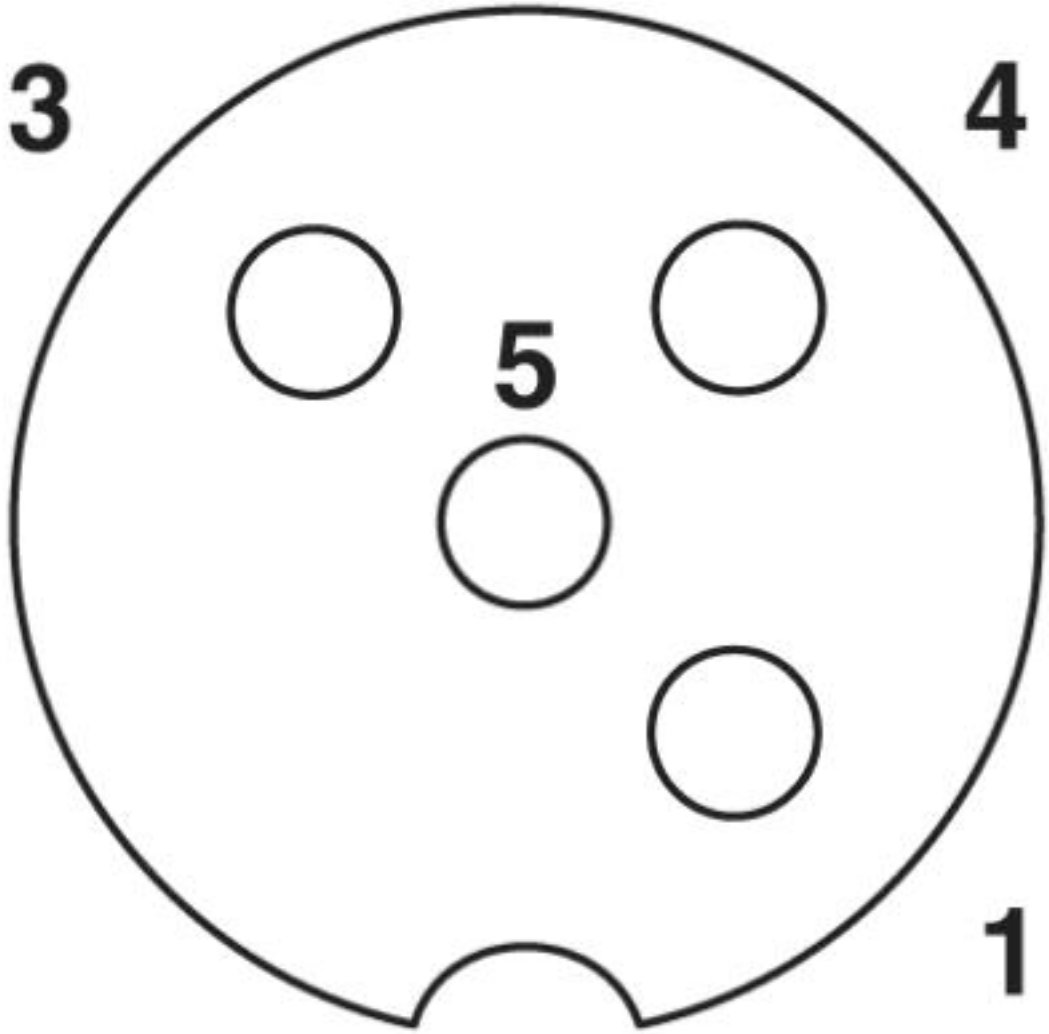
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Circuit diagram



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Schematic diagram



M12 slot, socket, 4-pos.

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