

AC-SCM6.2
AC-SCM6.2-BT
AC-SCM6.2-BT-L



Figure may differ from product

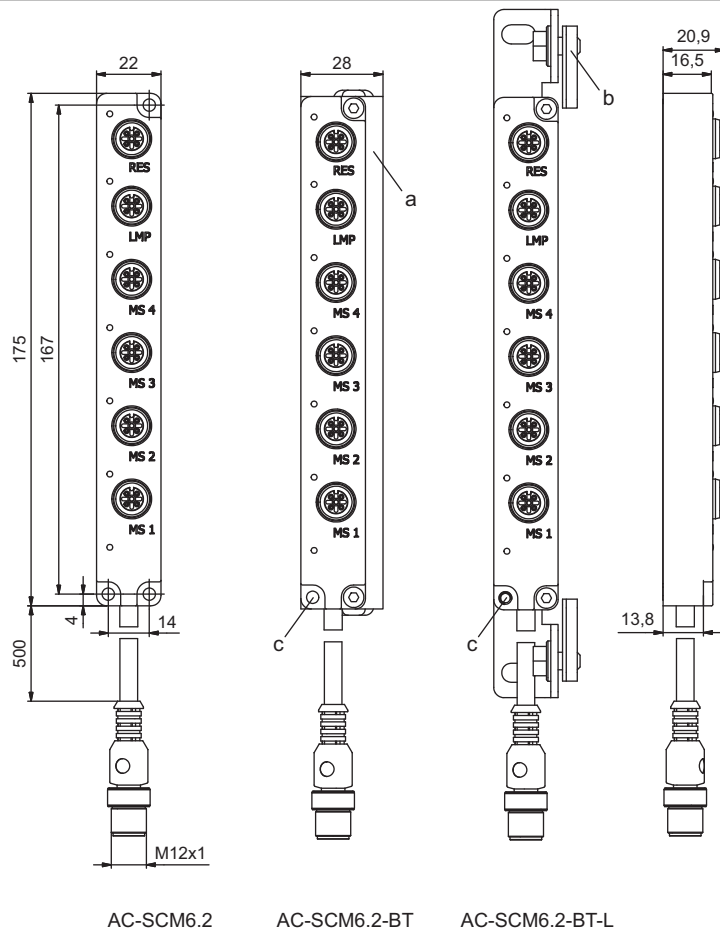
Local connection box

The AC-SCM6.2 wiring interface is an accessory for Multiple Light Beam Safety Devices without integrated muting. Sensors, scanners, switches and display elements can be connected via M12 cables here. These signals are forwarded via an approx. 0.5 m long collector cable with M12 plug e. g. to a safety PLC. The collector cable must be laid so that no cross connections can occur, e.g. in an armored conduit. Aside from the green LED for indicating the supply voltage, the AC-SCM6.2 does not contain any electrical or electronic elements and is therefore not subject to any safety classifications.

Features

- Supply and switching voltage +24V DC
- Connection to M12 technology
- Simplification of connections to the MLD receiver or transceiver of:
 - Muting sensors without testing
 - Muting indicators
 - Start button

Dimensioned drawing



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a = mounting plate	b = sliding block	c = M4x22 cheese head screw
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Pin assignment

Pin	Connection 8 pins	MS1	MS2	MS3	MS4	LMP	RES
1	MS4	24 V	24 V	24 V	24 V		24 V
2	24 V					LMP	RES
3	MS2	0 V	0 V	0 V	0 V	0 V	
4	MS1	MS1	MS2	MS3	MS4		RES
5	LMP						
6	MS3						
7	0 V						
8	RES						

Technical Data

Supply voltage	+24 VDC ± 20%
Current load, max.	1 A
Connection	6 M12 sockets, 5-pin; 1 M12 plug, 8-pin
Insulation resistance	>10 ⁹ Ω
Degree of protection	IP67
Ambient temperature	-30 °C ... +80 °C
Housing	PA 6, black
Cable	Halogen-free PUR, black

Order guide

Article	Description	Part no.
AC-SCM6.2	Local connection box with M 12 connection for connecting to the 5-pin local socket	520005
AC-SCM6.2-BT	Local connection box with M 12 connection and mounting plate for connecting to the 5-pin local socket with 2 M4x22 cheese head screws; 2 BT-NC sliding blocks	520009
AC-SCM6.2-BT-L	Local connection box with M 12 connection and L mounting bracket for connecting to the 5-pin local socket with 2 M4x22 cheese head screws; 2 BT-NC sliding blocks	520037