

**AC-SCM7U
AC-SCM7U-BT
AC-SCM7U-BT-L**



Figure can vary

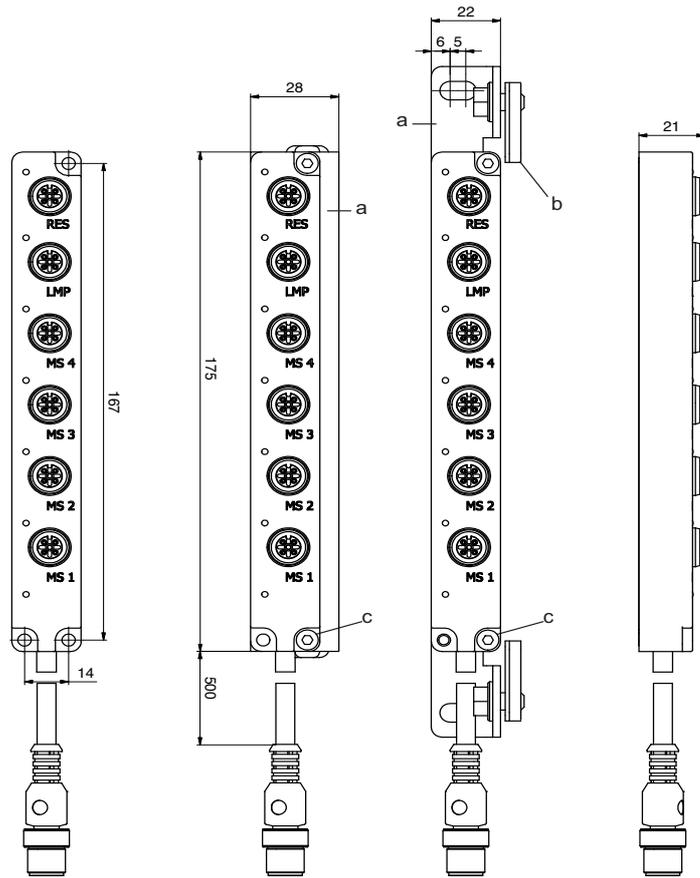
Sensor connection box

The AC-SCM7U sensor connection box is an accessory for the MLD 335, MLD 535 multiple light beam safety devices (timing controlled 4-sensor muting). Sensors, scanners, switches and display elements can be connected via M12 cables. These signals are connected to the local socket of the MLD receiver or transceiver via a 0.5 m long collector cable with M12 plug. The collector cable must be laid so there is no possibility of short circuit, e.g. in an armored conduit.

Features

- Supply and switching voltage +24V DC
- Connection with M12 technology
- Simplification of the connection to the MLD receiver and transceiver of:
 - Muting sensors without testing
 - Muting indicators
 - Start button (optionally the same cable as muting indicators)

Dimensioned drawing



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a = Mounting plate b = Sliding block c = M4x16 cheese head screw

Pin assignment

Pin	Connection to MLD	MS1	MS2	MS3	MS4	LMP	RES
1	MS3	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	LMP	RES
5	RES/LMP						
6	MS4						
7	0 V						
8	n.c.						

Technical Data

Supply voltage	+24 VDC ± 20%
Current load, max.	1 A
Connection	6 M12 sockets, 4-pin; 1 M12 connector, 8-pin
Insulation resistance	>10 ⁹ Ω
Protection rating	IP67
Ambient temperature	-30 °C ... +80 °C
Housing	PA 6, yellow
Cable	PUR halogen-free, black

Order guide

Article	Description	Part no.
AC-SCM7U	Sensor connection box with M12 connection, for connection to the 8-pin local socket	520143
AC-SCM7U-BT	Sensor connection box with M12 connection and mounting plate for connection to the 8-pin local socket with 2 M4x16 cheese head screws; 2 BT-NC sliding blocks	520144
AC-SCM7U-BT-L	Sensor connection box with M12 connection and L-mounting bracket for connection to the 8-pin local socket with 2 M4x16 cheese head screws; 2 BT-NC sliding blocks	520145