

**AC-SCM5  
AC-SCM5-BT  
AC-SCM5-BT-L**



Figure may differ from product

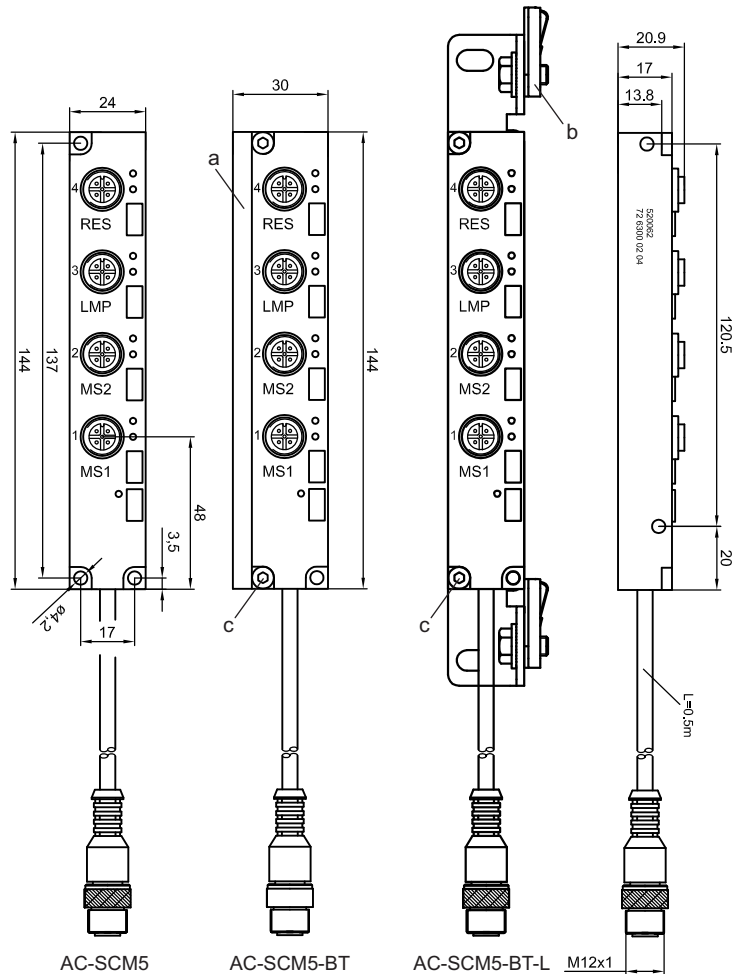
**Local connection box**

The AC-SCM5 wiring interface is an accessory for the MLD 300, MLD 500 Multiple Light Beam Safety Devices. Sensors, scanners, switches and display elements can be connected via M12 cables here. These signals are connected to the local socket of the MLD receiver or transceiver via an approx. 0.5 m long collector cable with M12 plug. 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-SCM5 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 (optionally the same cable as the muting indicator)

**Dimensioned drawing**



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

**Pin assignment**

Pin	Connection to MLD	MS1	MS2	LMP	RES
1	24 V	24 V	24 V		24 V
2	MS2			LMP	RES
3	0 V	0 V	0 V	0 V	
4	MS1	MS1	MS2	LMP	RES
5	RES/LMP				

**Technical Data**

Supply voltage	+24 VDC ± 20%
Current load, max.	1 A
Connection	4 M12 sockets, 5-pin; 1 M12 plug, 5-pin
Insulation resistance	>10 <sup>9</sup> 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-SCM5	<b>Local connection box with M 12 connection</b> for connecting to the 5-pin local socket	520062
AC-SCM5-BT	<b>Local connection box with M 12 connection and mounting plate</b> for connecting to the 5-pin local socket with 2 M4x22 cheese head screws; 2 BT-NC sliding blocks	520063
AC-SCM5-BT-L	<b>Local connection box with M 12 connection and L mounting bracket</b> for connecting to the 5-pin local socket with 2 M4x22 cheese head screws; 2 BT-NC sliding blocks	520035