

# AC-SCM1



## Local connection box

The connection box AC-SCM1 is an accessory for the light curtain and multiple light beam devices series *COMPACTplus*. Sensors, buttons and display elements can be connected here by a M12 cable. These signals are transferred via a 0,5 m long common cable with angled M12 plug to the local socket of the *COMPACTplus* receiver or transceiver. The cable has to be mounted cross circuit safe, for example in an armoured tube. Except the green LED to display 24 VDC power supply, AC-SCM1 does not contain any electrical or electronical components and has thus no safety classification.

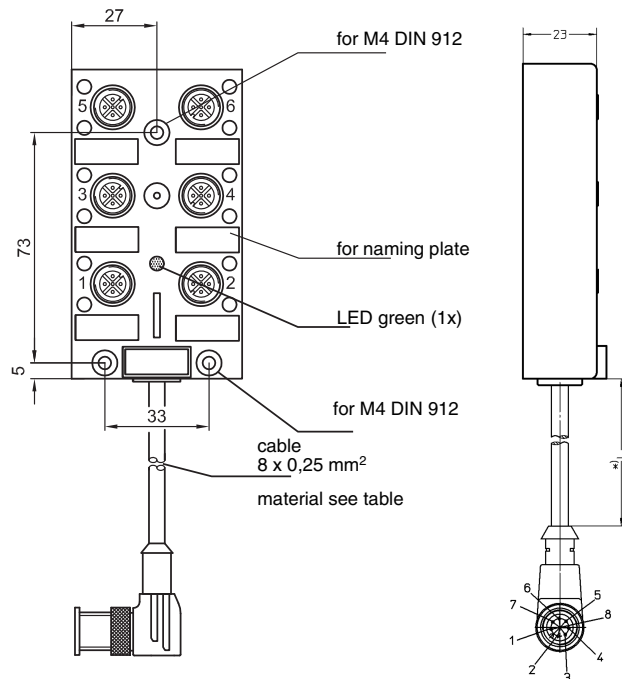
## Features

- Supply and signal voltage +24V DC
- Connection in M12 technology
- Simple connection to the *COMPACTplus* receiver or transceiver of:
  - Muting sensors without testing
  - Muting indicator lamps, optionally several using the same line
  - Start button, optionally using the same line as the muting indicator lamp(s)
- 1- or 2-channel safety circuit
- Operating mode switch

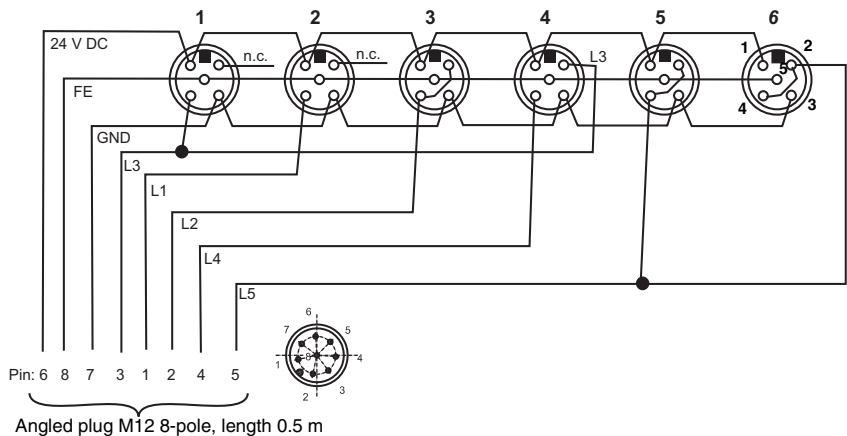
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## Dimensional drawing



## Internal wiring



## Technical data

power supply	+24 VDC ± 20%
max. current	1 A
connection	6 sockets M12, 5-pole; 1 plug M12, 8-pole
isolation resistance	>10 <sup>9</sup> Ohm
protection degree	IP67
environmental temperature	-30 °C .. + 90 °C
housing	PA 6 GF 30
cable	PUR halogen free, color gray
housing color	black

## Order details

Type	Description	Art. no.
AC-SCM1	<b>Local connection box with M 12-Connection</b> , for connection to local connecting socket	520065
AC-SCM1-BT	<b>Local connection box with mounting plate</b> (with : 2 pieces screw-SZ M6x10 (b); 2 pieces sliding nut BT-NC (c))	520068