



AC-SCM1



Local connection box

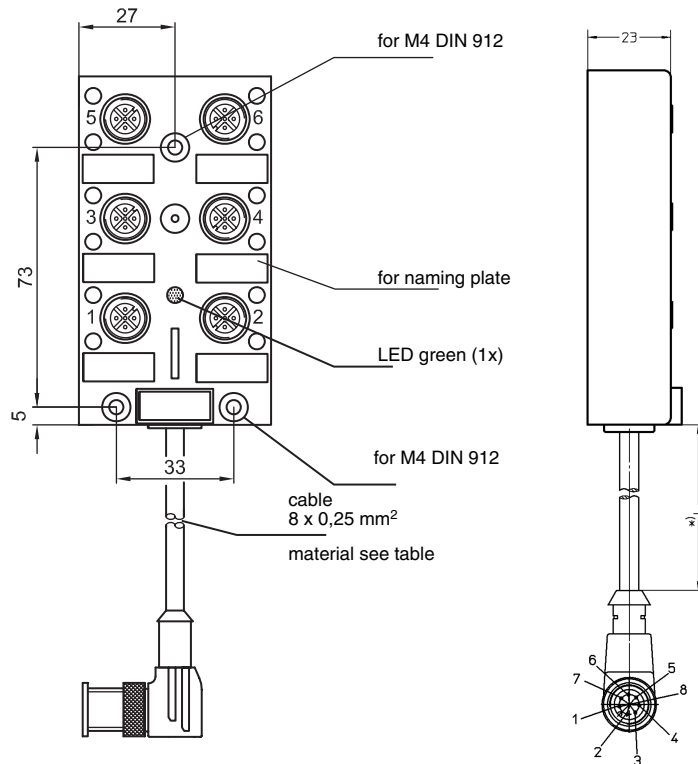
The connection box AC-SCM1 is an accessory for the light curtain and multiple light beam devices series *COMPACTplus*. Sensors, buttons and display elements can be connected here by a M12 cable. These signals are transferred via a 0,5 m long common cable with angled M12 plug to the local socket of the *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 electronic components and has thus no safety classification.

Features

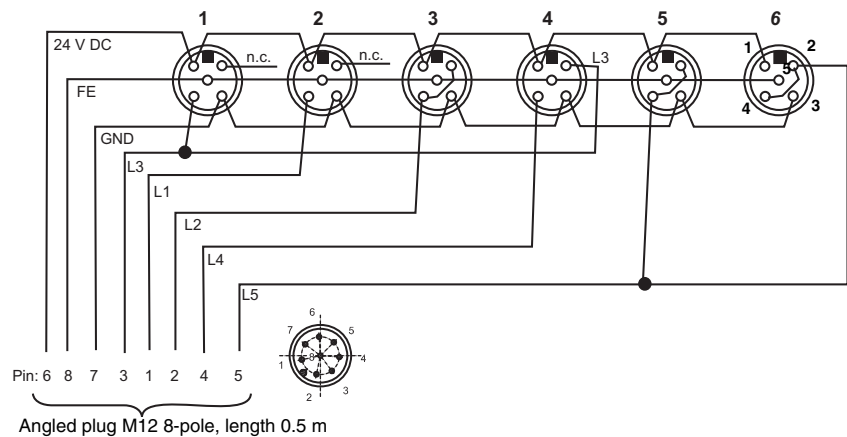
- Supply and signal voltage +24V DC
- Connection in M12 technology
- Simple connection to the *COMPACTplus* receiver or transceiver of:
 - Muting sensors without testing
 - Muting indicator lamps, optionally several using the same line
 - Start button, optionally using the same line as the muting indicator 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 ⁹ Ohm
protection degree	IP67
environmental temperature	-30 °C .. + 90 °C
housing	PA 6 GF 30
cable	PUR halogen free, color gray
housing color	black

Notes on ordering

AC-SCM1	Local connection box	520065
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