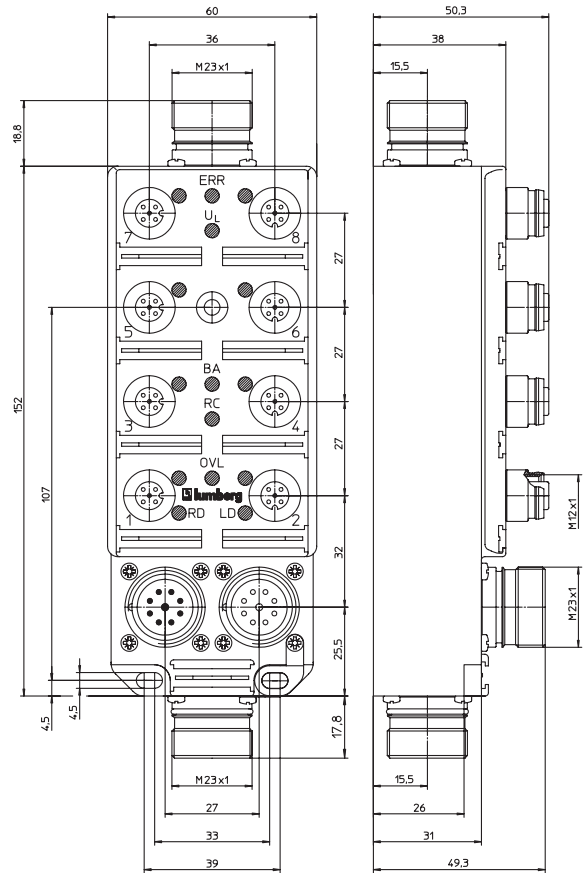


## 0950 ISL 205

8 In

Interbus Remote Bus terminal with 8 digital inputs (PNP), Installation Remote Bus drop and M23 bus connectors. Features: Short circuit detection, protection degree IP67 / NEMA 6P, shock and vibration protected by using potting technology.



### Diagnostic indication

LED	Indication	Condition
1...8	yellow	channel status
ERR	red	installation remote bus defective
U <sub>L</sub>	green	module electronic supply active
BA	green	bus active
RC	green	remote bus-in connected
RD	red	continuing remote bus disconnected
LD	red	installation field bus disconnected
OVL	red	sensor short circuit / sensor over load

### Pin Assignment

#### Bus Connection Input M23



- 1 = DO
- 2 = DO
- 3 = DI
- 4 = DI
- 5 = COM
- 6 = n.c.
- 7 = n.c.
- 8 = n.c.
- 9 = n.c.
- housing = earth

#### Bus Connection Output M23



- 1 = DO
- 2 = DO
- 3 = DI
- 4 = DI
- 5 = COM
- 6 = n.c.
- 7 = n.c.
- 8 = n.c.
- 9 = LBST
- housing = earth

#### Inst. Remote Bus Output M23



- 1 = DO
- 2 = DO
- 3 = DI
- 4 = DI
- 5 = COM
- 6 = earth
- 7 = +24 V
- 8 = GND (0 V)
- 9 = RBST
- housing = earth

#### Power Supply M23



- 1 = earth
- 2 = +24 V<sup>1</sup>
- 3 = GND (0 V)<sup>1</sup>
- 4 = +24 V<sup>2</sup>
- 5 = GND (0 V)<sup>2</sup>
- 6 = n.c.

- <sup>1</sup> = installation remote bus
- <sup>2</sup> = module supply/sensors

#### Input M12



- 1 = +24 V
- 2 = n.c.
- 3 = GND (0 V)
- 4 = IN
- 5 = earth



#### Technical data

Degree of protection	IP 67
Operating temperature range	0°C(+32°F) / +60°C (+140°F)
Weight	580 g
Housing	PUR

#### Slave profile

ID code

#### Interbus

11 dec

#### Power supply of the electronics (U<sub>e</sub>)

Nominal voltage	24 V DC
Voltage range	19-30 V DC
Current consumption	max. 120 mA
Reverse polarity protection	yes
Operating indicator (U <sub>e</sub> )	LED, green

#### Power supply of the sensors (U<sub>s</sub>)

Nominal voltage	24 V DC
Voltage range	19 V - 30 V DC
Total current of all sensors	max. 400 mA
Short circuit protection	yes
Sensor short circuit indicator (OVL)	LED, red

#### Input levels

Nominal input voltage	24 V DC
Input	PNP
Number of digital channels	8
Channel status indicator	LED, yellow

#### Part Number

0950 ISL 205

