

Controller for Through-Beam Sensors

LV250NCT

Part Number



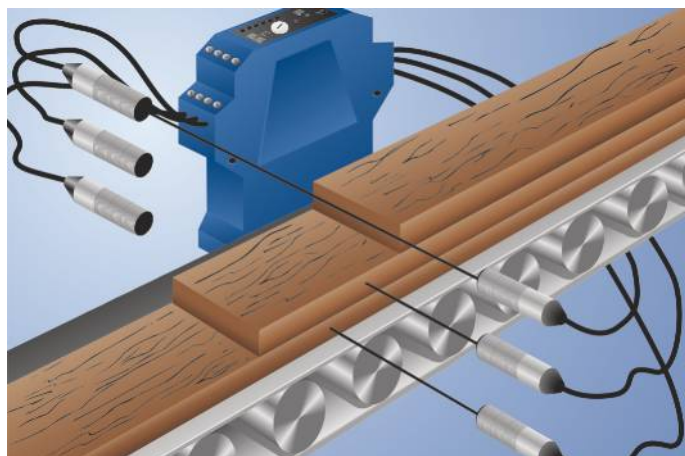
- AND-OR logic
- Cascadable
- Master-slave operating mode
- Teach-in, external teach-in

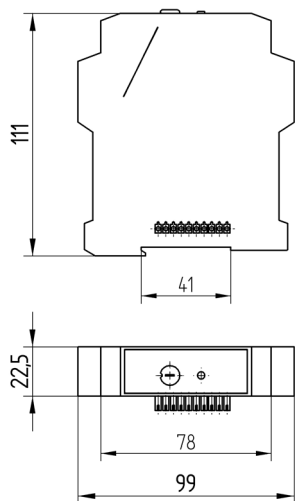
Technical Data

Optical Data	
Range	15000 mm
Electrical Data	
Supply Voltage	18...30 V
Current Consumption (U _b = 24 V)	120 mA
Switching Frequency	250 Hz
Response Time	4 ms
On-/Off-Delay	50 ms
Temperature Drift	< 10 %
Temperature Range	-25...60 °C
Switching Output Voltage Drop	< 2,5 V
Switching Output/Switching Current	200 mA
Error Output/Switching Current	200 mA
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Teach Mode	NT, MT
cascadable	yes
Logic Output	AND / OR
External teach-in input	yes
Protection Class	III
Mechanical Data	
Setting Method	Teach-In
Housing Material	Plastic
Degree of Protection	IP20
DIN-Rail mounting	35 mm
NPN NO/NC switchable	
Control Panel No.	

LV1

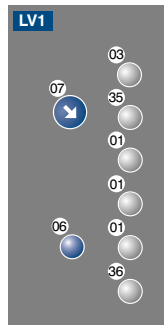
This control unit for SA250/EA250 Safety Through Beam Sensors excludes any possibility of reciprocal influence. It is designed for aggressive industrial environments.





All dimensions in mm (1 mm = 0.03937 Inch)

Ctrl. Panel



- 01 = Switching Status Indicator
- 03 = Error Indicator
- 06 = Teach Button
- 07 = Selector Switch
- 35 = Logic Status Indicator
- 36 = Mode Indicator

