

# Controller for Through-Beam Sensors

## LV250PCT

Part Number



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

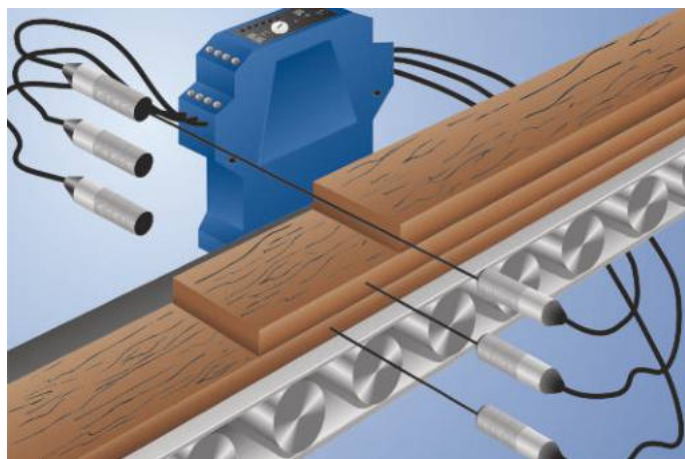
### Technical Data

| Optical Data                                |             |
|---|-------------|
| Range                                       | 15000 mm    |
| Electrical Data                             |             |
| Supply Voltage                              | 18...30 V   |
| Current Consumption (U <sub>b</sub> = 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       |
| PNP NO/NC switchable                        |             |

Control Panel No.

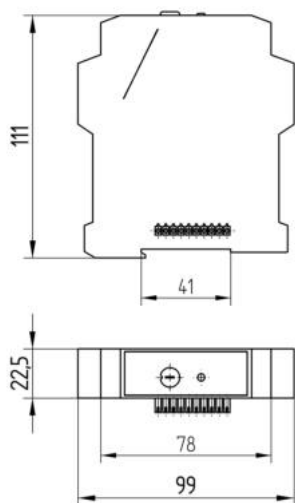
LV1

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



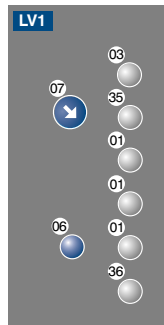
### Complementary Products

Through-Beam Sensor SA250-P24/EA250-P24



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

