

Controller for Through Beam Sensors



LV250PCT

Part Number

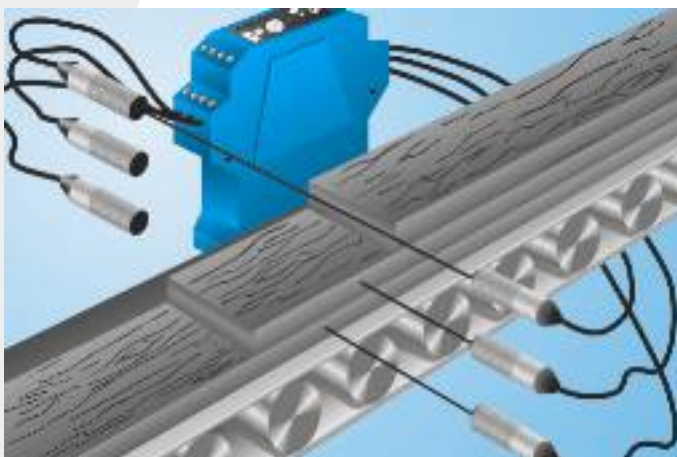


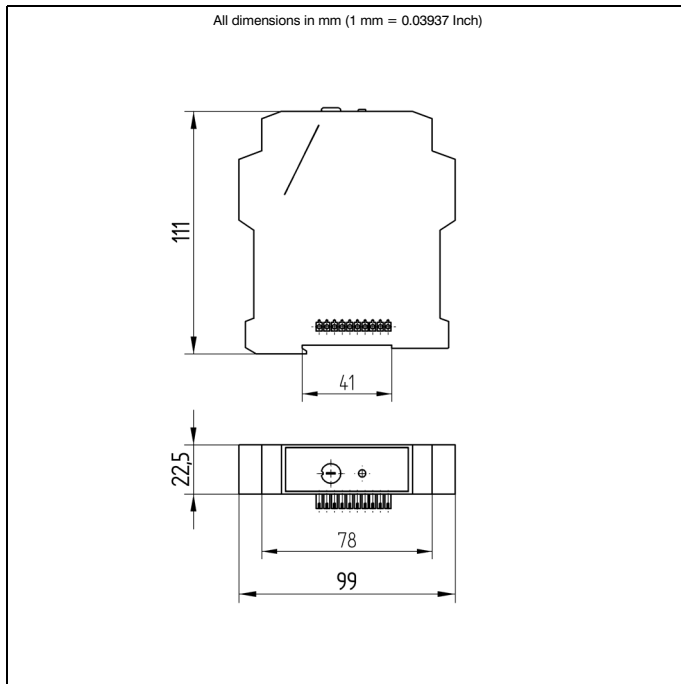
- AND-OR Logic
- Cascadable
- Master-Slave Operating Mode
- Teach-In, external Teach-In

Technical Data

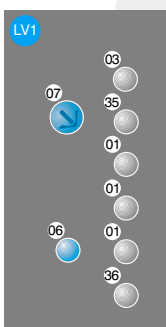
Electrical Data	
Supply Voltage	18...30 V
Current Consumption (U _b = 24V)	120 mA
Switching Frequency	250 Hz
Response Time	4 ms
On-/Off-Delay	50 ms
Temperature Drift	< 10 %
Temperature Range	-25...60 °C
Switching Output Voltage Drop	< 2,5 V
Switching Output / Switching Current	200 mA
Error Output/Switching 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 Input	yes
Mechanical Data	
Adjustment	Teach-In
Housing	Plastic
Degree of Protection	IP20
DIN-Rail mounting	35 mm
PNP NO/NC switchable	●
Control Panel No.	LV1

This light barrier control unit is used in combination with SA250/EA250 light barriers. Interactive influence amongst utilized light barriers is eliminated by the control unit. This sensor series is designed for aggressive industrial environments.





Ctrl.Panel



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