

Controller

for Through Beam Sensors

LV250PCT

Part Number



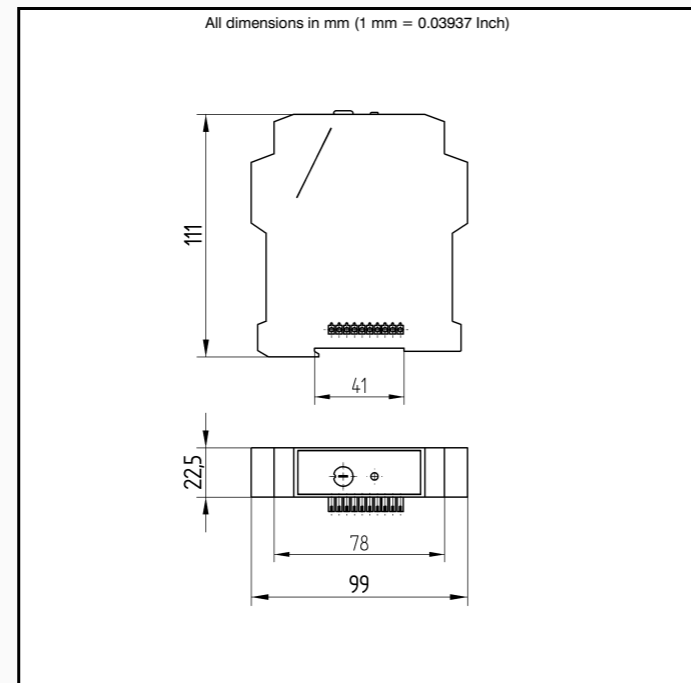
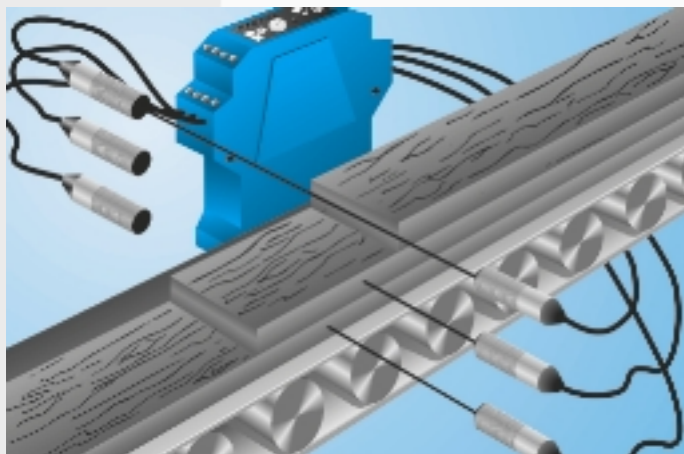
- AND-OR Logic
- Cascadable
- Master-Slave Operating Mode
- Teach-In, external Teach-In



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	yes
Time 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
Protection Mode	IP 20
DIN-Rail mounting	35 mm

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.



Specifications are subject to change without notice
11/03



Plug Version	
Part Number	LV250PCT
PNP NO/NC switchable	●
Control Panel No.	LV1



Ctrl. Panel



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