

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
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Electrical Data

Supply Voltage	18...30 V
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Current Consumption (Ub = 24 V)	120 mA
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Switching Frequency	250 Hz
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Response Time	4 ms
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On-/Off-Delay	50 ms
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Temperature Drift	< 10 %
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Temperature Range	-25...60 °C
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Switching Output Voltage Drop	< 2,5 V
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Switching Output/Switching Current	200 mA
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Error Output/Switching Current	200 mA
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Short Circuit Protection	yes
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Reverse Polarity Protection	yes
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Overload Protection	yes
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Teach Mode	NT, MT
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cascadable	yes
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Logic Output	AND / OR
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External teach-in input	yes
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Protection Class	III
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Mechanical Data

Setting Method	Teach-In
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Housing Material	Plastic
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Degree of Protection	IP20
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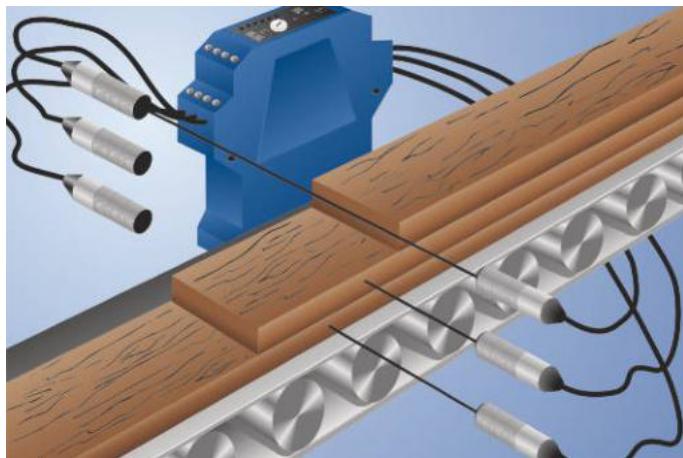
DIN-Rail mounting	35 mm
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PNP NO/NC switchable	
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Control Panel No.

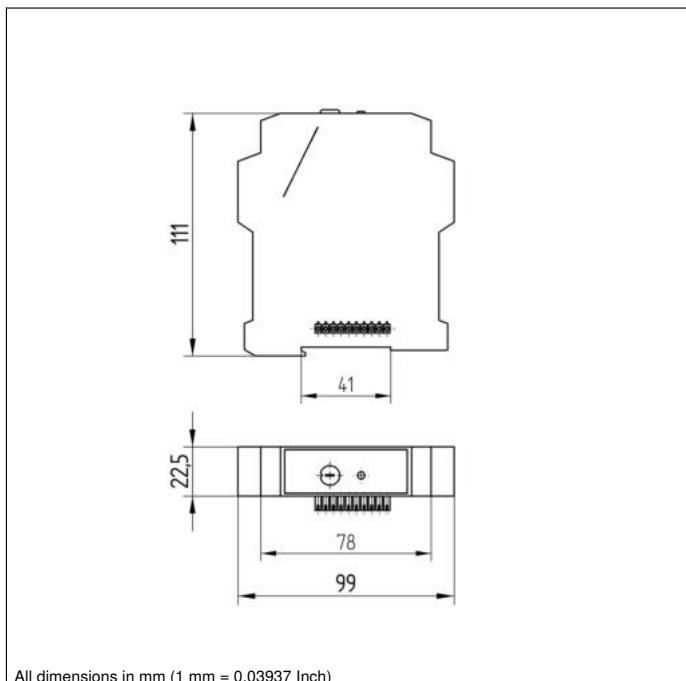
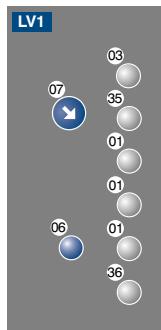
LV1

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


Ctrl. Panel


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

