



Multiple light beam safety devices MSL

MSLZ02-20331, PSZ01-1401





Sender/receiver in one housing

Model Name > [MSLZ02-20331](#)
Part No. > [1016264](#)

Mirror

Model Name > [PSZ01-1401](#)
Part No. > [1015897](#)

- Actively monitored semiconductor outputs
- Integral evaluation circuit
- Only one active side, so less wiring
- Modular safety muting (MSM)

Note: The product has been phased out. The replacement depends on the application. A replacement option can be found in the [M4000](#) product family. Please contact your national subsidiary/agent for further information.



Functions-Sender/receiver in one housing

System construction:	Active/passive system
Restart interlock:	✓
External device monitoring:	✓
Beam coding:	✓
Muting:	-
Muting with override:	-
Safe device communication via EFI/SDL:	-

Technical Data-System

Maximum system scanning range: 4.5 m

Technical Data-Sender/receiver in one housing

Number of beams:	2
Scanning range from ... to:	0 ... 7,5 m
Dimensions width x depth x height:	52 x 55 x 1.285 mm
Weight:	4.19 kg

Type:	Type 4 (IEC 61496)
Response time:	15 ms
Supply voltage typical, from, to:	DC, 24 V, 19.2 V, 28.8 V
Power consumption:	< 12 W
Switching voltage min ... max:	U _v - 3V, U _v
Maximum switching current:	500 mA
Wave length:	880 nm
Protection class:	1
Enclosure rating:	IP 65
Connection type:	plug-in terminal chamber
Ambient operating temperature from ... to:	0 ... 55 °C
Vibration resistance (checked to):	5 g (IEC 68-2-6)
Oscillation frequency from ... to:	10 ... 55 Hz
Shock resistance:	10 g, according to IEC 68-2-29
Cable length:	70 m

Technical Data-Mirror

Beam separation:	400 mm
Dimensions width x depth x height:	52 x 55 x 668 mm

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