

SLLE14-770-S

Safety Technology – Safety Light Curtain Emitter



Technical data

Type	SLLE14-770-S
ID	3808999
Optical data	
Function	Light screen
Light type	IR
Optical resolution	14 mm
Range	100...12000 mm
Scan field	770 mm
Number of beams	88
With muting function	no
Electrical data	
Operating voltage	20.4...27.6 VDC
DC rated operational current	≤ 26 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Response time typical	< 23.5 ms
Blanking function	yes
Mechanical data	
Design	Rectangular, EZ-Screen LS
Dimensions	45 x 36 x 775 mm
Housing material	Metal, AL, Yellow
Lens	acrylic, Plastic
Cascadable	No
Electrical connection	Flat connector
Ambient temperature	-20...+55 °C
Protection class	IP67

Features

- Rugged housing
- Protection class IP67
- Diagnosis display for status and error indication
- Scan field L: 770 mm
- Optical Alignment aid
- No blind zone
- Range: 0.1...12 m
- Resolution: 14 mm
- Operating voltage: 24 VDC
- Safety light curtain type 4 acc. to IEC 61496-1 and 61496-2
- Category 4 PLe acc. to EN ISO 13849-1
- SIL 3 acc. to IEC 61508 SIL 3 and CL3 acc. to IEC 62061
- Shock and vibration resistant acc. to IEC 61496-1
- The device is supplied without wiring or mounting brackets. Wiring and mounting brackets must be selected under connection or mounting accessories and are required to operate the device.

Wiring diagram



Dimension drawing	Type	ID	
	DELSE-81D	3086942	Connection cable, 8-pin, M12 male connector, PVC, yellow, length: 0.31 m, RD male connector for direct connection to LS light screen
Kein Maßbild vorhanden/ No dimension drawing available	RDLS-815D	3093156	Connection cable, 8-pin, open end, PVC, yellow, length: 4.57 m, RD male connector for direct connection to LS light screen
Kein Maßbild vorhanden/ No dimension drawing available	RDLS-515D	3801010	Connection cable, 5-pin, open end, PVC, yellow, length: 4.57 m, RD male connector for direct connection to LS light screen