LS- SERIES

Non-safety light curtain

LS00/000-000X



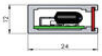
- Detection height 35–5800 mm
- Range 0.3–16 m
- 4–160 light beams

PRODUCT DESCRIPTION

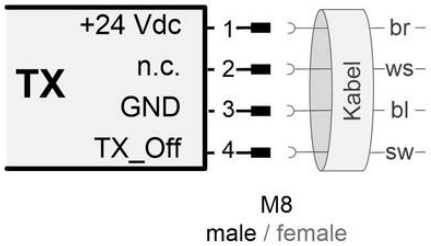
The LS series offers extended monitoring ranges and minimized blind areas, making it suitable for diverse applications in logistics, mechanical engineering, and packaging technology. With compact dimensions for easy integration, it features automatic range adjustment, configurable diagonal beams for enhanced detection density, and dual push/pull outputs compatible with PNP and NPN configurations. Innovative supply voltage polarity control allows seamless switching between two device profiles, facilitating flexible operation without reconfiguration.

SPECIFICATIONS

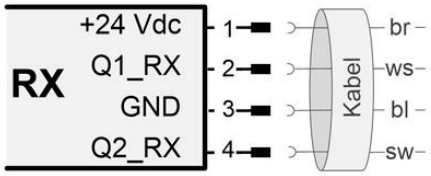
Base cycle time	4 ms
Beam spacing max	100
Beam spacing min	5
Detection Height	5800
Detection Method	Parallella / parallella och diagonala strålar
IP Class	IP20, IP54, IP65
Monitoring height min	35
Number of beams	4 - 160
Outputs	PNP/NPN (push-pull)
Per beam cycle time	1 ms
Power Consumption	3,1 W
Range Area 1 max	5 m
Range Area 1 min	1 m
Range Area 2 max	13 m
Range Area 2 min	3 m
Supply voltage	24 VDC (18 - 30 VDC) / 10% ripple
Temperature range	-30 till +50°C

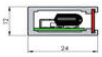
Acronym		Cross section in mm	max. profile length	Description
I		12x24	6 m	M4 studs distributed over the whole profile length. Standard configuration in the industrial environment.
Q		10x27	4 m	Cross-hole for flat assembly
T		12x58	3 m	For 5mm beam spacing only; Cross-hole for flat assembly, M4 thread at ends

Acronym		Cross section in mm	max. profile length	Description
Z		14x65	3 m	Vertical beam exit; no mounting holes, drill groove in mounting chamber
R		12x49	3 m	Vertical beam exit; rectangular cross section; no mounting holes, drill groove in mounting chamber
A		12x24	2,5 m	Bottom: spigot Top: 4x M4 studs Standard configuration for elevators.

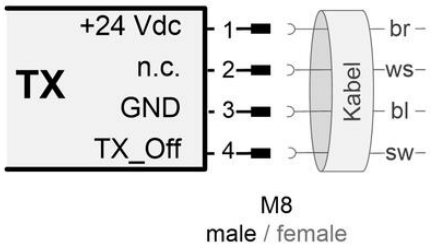


M8
male / female



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