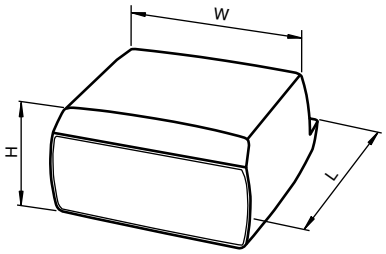


Properties

- PROFIBUS interface
- Data rate up to 1.5 MBaud
- Connector version
- Infrared light

Your Benefit

- 1:1 communication - identical units communicate with each other
- Integral alignment aid LED simplifies setup
- Easy installation due to quick clamp tool-less mounting
- LED bar display indicates signal strength



Technical Data

*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

General Data	
Light type	modulated infrared light
Diameter of the light spot	2 m at a distance of 100 m
Interface type	PROFIBUS DP-V0,-V1,-V2; FMS; MPI; FMS-DP mixed mode; galvanically isolated
Operating voltage	18 ... 30 V DC
No-load supply current	200 mA
Data rate	93.75/187.5/500/1500 kBit/s , adjustable
Operation frequency	8.25 MHz
Function input	Keyboard disabling, digital input (current sinking), closed ON
Pre-fault indication output	1 PNP (switches if there is sufficient stability control) short-circuit protected, max. 200 mA
Housing	ABS / PC
Optical face	plastic
Protection degree	IP65
Connection	4-pin, M12x1 connector, standard (supply) , 5-pin, M12x1 connector, B-coded (Bus In) , 5-pin, M12x1 socket, B-coded (Bus Out/Termination)



Model Number		LS611-DA-P	LS611-DA-P/146	LS611-DA-P/35	LS611-DA-P/35/146
Threshold detection range	200 m	●	●		
	350 m			●	●
Effective detection range	0 ... 150 m	●	●		
	0 ... 300 m			●	●
Ambient temperature	-10 ... 50 °C (14 ... 122 °F)	●		●	
	-30 ... 50 °C (-22 ... 122 °F) , For use in dry cold		●		●
Approvals and Certificates					
UL approval	cULus	●	●	●	●
Dimensions					
Length L [mm]		171			
Width W [mm]		170			
Height H [mm]		90			

Accessories

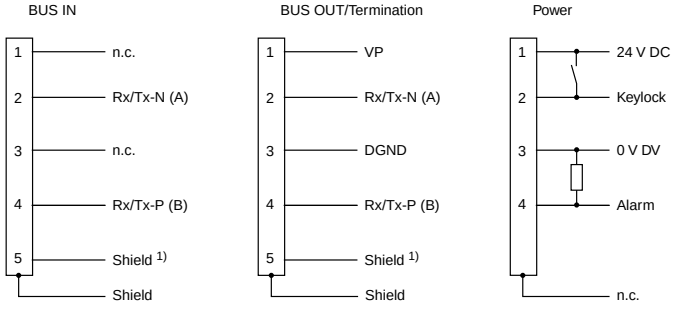
This and more accessories can be found in chapter 10

See pages from 974 ... for cordsets See pages 1074 ... for mounting aids

OMH-LS610-05	Mounting bracket for optical data coupler and distance measurement devices
ICZ-TR-V15B	Terminal resistor for PROFIBUS
V15SB-G	Cable connector, M12, for PROFIBUS, adjustable
V15-G-PG9	Cable socket, M12, 5-pin, ready for assembly
V15B-G	Cable socket, M12, for PROFIBUS, adjustable
Schutzkappe LS610 Zubehoer	M12 protective cap set (connector + socket) for series LS610 / LS611
Funktionserdung LS610/ VDM100 Zubehoer	Function grounding for LS610 / LS611 / VDM100 series
OMH-LS610-01	Mounting bracket for optical data coupler
OMH-LS610-31	Mounting bracket for optical data coupler and distance measurement devices
OMH-LS610-32	Mounting bracket for optical data coupler and distance measurement devices
OMH-LS610-02	Direct mounting set consisting of 4 x M4 threaded inserts
OMH-LS610-03	Mounting bracket with deviation mirror for optical data coupler

Electrical Connection





Plug M12 x 1, 5-pin
B-coded

Socket M12 x 1, 5-pin
B-coded

Plug M12 x 1, 4-pin
A-coded

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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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