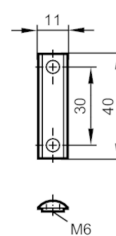
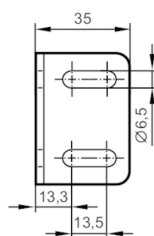
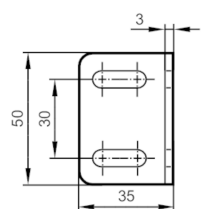
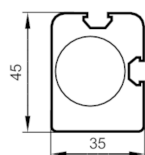


OYA0760-40-4-18-P-1-B

The image contains two technical drawings of vertical valves, labeled T and R. Both valves have a similar internal structure, including a top section, a middle section with a valve stem and handle, and a bottom section with a solenoid coil. The valve T is shown in a closed position, while the valve R is shown in an open position. The drawings include dimension lines indicating the overall height (L) and the distance from the top of the valve to the handle (40). The distance from the bottom of the valve to the handle is indicated as 85. The drawings also show the internal components of the valve, including the valve stem, handle, and solenoid coil.



- | | |
|---|-----------------------|
| T | transmitter |
| R | receiver |
| 1 | LED yellow |
| 2 | LED red |
| 3 | 7-segment LED display |
| 4 | LED green |
| 5 | LED yellow |
| 6 | LED red |
| 7 | 7-segment LCD display |
| 8 | LED green |



Type of light

infrared light



Safety light curtain

OYA0760-40-4-18-P-1-B

Electrical design	PNP
Protection	IP 65
Application	
Protective function	access prevention hand protection
Electrical data	
Operating voltage tolerance [%]	20
Operating voltage [V]	24 DC
Protection class	III
Reverse polarity protection	yes
Power-on delay time [s]	< 18
Type of light	infrared light
Wave length [nm]	950
Receiver	
Current consumption [mA]	125
Transmitter	
Current consumption [mA]	83
Outputs	
Electrical design	PNP
Number of OSSD outputs	2
Max. current load per OSSD output [mA]	500; (24 V)
Short-circuit protection	yes
Detection zone	
Protected area height [mm]	760
Resolution (detection capacity d) [mm]	40
Protection area width (low light intensity) [m]	0...6
Protection area width (high light intensity) [m]	3...18
Floating blanking	yes
Response times	
Response time [ms]	9.5
Operating conditions	
Applications	class C to EN 60654-1 weatherproof application
Ambient temperature [°C]	0...55
Max. relative air humidity [%]	95
Protection	IP 65
Tests / approvals	
EMC	IEC 61496-1
Shock resistance	IEC 61496-1
Vibration resistance	IEC 61496-1
Safety classification	
ESPE type (IEC 61496-1)	4



Safety light curtain

OYA0760-40-4-18-P-1-B

Complies with the requirements	ISO 13849-1: 2015 category 4, PL e	
	IEC 61508 SIL 3	
	IEC 62061 SIL 3	
Mission time TM	[h]	175200
PFH	[1/h]	1,2E-08

Mechanical data

Weight	[g]	4800
Dimensions	[mm]	861 x 35 x 45
Materials	housing: aluminium; front pane: PC	
Length L	[mm]	861

Displays / operating elements

Display	transmitter	3 x LED
	transmitter	7-segment LCD display
	receiver	3 x LED
	receiver	7-segment LCD display

Accessories

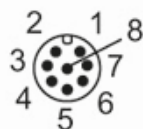
Items supplied	mounting bracket: 4	
	slot nuts: 4	
	screws	

Remarks

Pack quantity	1 pcs.
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Electrical connection - receiver

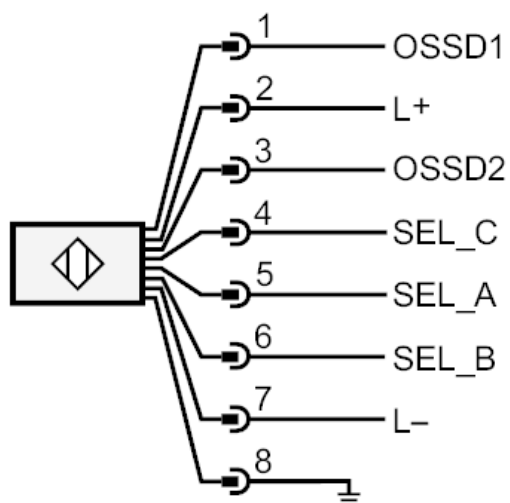
Connector: 1 x M12; coding: A; Maximum cable length: 100 m; for wire cross-section 0.34 mm²



Safety light curtain

OYA0760-40-4-18-P-1-B

Connection



Electrical connection - transmitter

Connector: 1 x M12; coding: A



Connection

