

OYA0760-30-4-12-P-1



Technical drawing of a 12V/24V 100Ah battery, showing front, side, and detail views with dimensions in millimeters.

Front View (Left): Shows the battery terminals (T) and a label (1) with a warning symbol.

Side View (Top): Shows the battery length (L) and terminal (R). Dimensions include 11mm for the terminal offset, 61,5mm for the main body length, and 29,5mm for the terminal height. The terminal is labeled M12x1.

Side View (Bottom): Shows the battery width (28mm) and height (30mm). It includes four mounting holes (indicated by '+' symbols) and a label (2).

Detail View (Top Right): Shows the terminal (R) and a label (3) with a warning symbol. Dimensions include 40mm for the terminal height, 20mm for the terminal offset, 10mm for the terminal width, and 14,5mm for the terminal diameter. The terminal is labeled M5.

Detail View (Bottom Right): Shows the battery width (28mm) and height (30mm). It includes four mounting holes (indicated by '+' symbols) and a label (2). Dimensions include 10,5mm for the mounting hole offset and 10mm for the mounting hole diameter.

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Type of light	Infrared light
Dimensions [mm]	813 x 28 x 30
Application	
Protective function	Access prevention hand protection



Safety light curtain

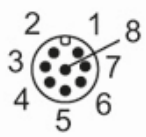
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Electrical data		
Operating voltage tolerance	[%]	20
Operating voltage	[V]	24 DC
Protection class		III
Reverse polarity protection		yes
Power-on delay time	[s]	< 2
Type of light		Infrared light
Wave length	[nm]	950
Receiver		
Current consumption	[mA]	83
Transmitter		
Current consumption	[mA]	42
Outputs		
Electrical design		PNP
Number of OSSD outputs		2
Max. current load per OSSD output	[mA]	400; (24 V)
Short-circuit protection		yes
Monitoring range		
Protected area height	[mm]	760
Resolution (detection capacity d)	[mm]	30
Protection area width (low light intensity)	[m]	0...4
Protection area width (high light intensity)	[m]	3...12
Reaction times		
Response time	[ms]	10.5
Operating conditions		
Applications		Class C to EN 60654-1 weatherproof application
Ambient temperature	[°C]	-10...55
Storage temperature	[°C]	-20...70
Max. relative air humidity	[%]	95
Protection		IP 65; IP 67
Tests / approvals		
EMC	IEC 61496-1	
Shock resistance	IEC 61496-1	
Vibration resistance	IEC 61496-1	



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Safety classification		
ESPE type (IEC 61496-1)	4	
ISO 13849-1	Category 4, PL e	
IEC 61508	SIL 3	
IEC 62061	SIL cl 3	
Mission time TM	[h]	175200
Safety-related reliability PFHD	[1/h]	1.2E-08
Mechanical data		
Weight	[g]	2705
Dimensions	[mm]	813 x 28 x 30
Material	housing: aluminum; front lens: PC	
Length L	[mm]	813
Displays / operating elements		
Display	transmitter	1 x LED
	receiver	2 x LED
Accessories		
Items supplied	Assembly angle: 4	
	Slot nuts: 4	
	Nuts	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - receiver		
Connector: 1 x M12; Maximum cable length: 100 m; for wire cross-section 0.34 mm²		
		

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Connection



Electrical connection - transmitter

Connector: 1 x M12



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Connection

