

OYA0160-40-4-20-P-1



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

Front View (Left): Shows the battery terminals (T) and a label (1) with a warning symbol. The overall length is L.

Side View (Top): Shows the battery terminals (R) and a label (2). The overall height is 61,5 mm. The distance from the bottom to the label is 29,5 mm. The terminal diameter is M12x1. The label width is 11 mm. The label is marked with (R).

Side View (Bottom): Shows the battery terminals (R) and a label (3). The overall height is 61,5 mm. The distance from the bottom to the label is 29,5 mm. The terminal diameter is M12x1. The label width is 11 mm. The label is marked with (R).

Detail Views (Right):

- Top View:** Shows the battery terminals (R) and a label (2). The overall width is 40 mm. The distance from the bottom to the label is 20 mm. The label width is 10 mm. The label is marked with (R).
- Bottom View:** Shows the battery terminals (R) and a label (3). The overall width is 40 mm. The distance from the bottom to the label is 20 mm. The label width is 10 mm. The label is marked with (R).
- Front View (Right):** Shows the battery terminals (R) and a label (2). The overall width is 40 mm. The distance from the bottom to the label is 20 mm. The label width is 10 mm. The label is marked with (R).
- Bottom View (Right):** Shows the battery terminals (R) and a label (3). The overall width is 40 mm. The distance from the bottom to the label is 20 mm. The label width is 10 mm. The label is marked with (R).

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|---|----------------|
| T | 發射裝置 |
| R | 接收裝置 |
| 1 | LED 三色 紅/綠/橙 |
| 2 | LED 2個顏色 黃/藍 |
| 3 | LED 2個顏色 紅色/綠色 |



光線種類	紅外線
電氣設計	PNP
外殼防護等級	IP 65; IP 67

保護功能	手保護
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電氣數據		
工作電壓公差	[%]	20
工作電壓	[V]	24 DC
防護等級		III
反相保護		是
開機延遲時間	[s]	< 2
光線種類		紅外線
波長	[nm]	950
接收裝置		
電流損耗	[mA]	83
發射裝置		
電流損耗	[mA]	42
輸出		
電氣設計		PNP
OSSD輸出數		2
每個OSSD輸出電流負載最大值	[mA]	400; (24 V)
短路保護		是
監控範圍		
保護區域高度	[mm]	160
分辨率(檢波容量d)	[mm]	40
保護區域寬度(低光強度)	[m]	0...10
保護區域寬度(高光強度)	[m]	3...20
反應時間		
反應時間	[ms]	3
工作條件		
使用地點		等級C符合EN 60654-1標準, 應用不受天氣影響
環境溫度	[°C]	-10...55
允許最大的相對空氣濕度	[%]	95
外殼防護等級		IP 65; IP 67
認證/測試		
EMC電磁兼容	IEC 61496-1	
抗衝擊	IEC 61496-1	
抗震	IEC 61496-1	
安全分類		
ESPE類型(IEC 61496-1)		4
符合要求		ISO 13849-1: 2015 種類 4, PL e
		IEC 61508 SIL 3
		IEC 62061 SIL 3
使用壽命 TM (Mission Time)	[h]	175200
PFH	[1/h]	8,9E-09
機械技術數據		
重量	[g]	1390

OY261S



安全光幕

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尺寸	[mm]	213 x 28 x 30
材質		外殼: 鋁; 前面透鏡: PC
結構長度	[mm]	213

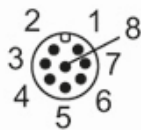
顯示器/操作件		
顯示		LED, 黃色
		LED, 綠色
		LED, 紅色
		LED, 藍色
		LED, 橘黃色

附件	
供貨範圍	安裝角度: 4
	安裝螺母: 4
	螺母

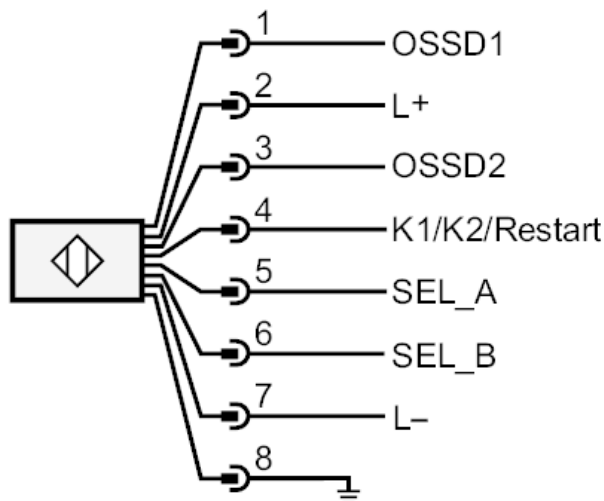
注釋	
包裝單位	1 件數

電氣連接 - 接收裝置

連接器: 1 x M12; 編碼: A; 電纜長度最大值: 100 m; 應用於芯線橫截面0.34 mm²



連接



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安全光幕

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電氣連接 - 發射裝置

連接器: 1 x M12; 編碼: A



連接

