

OYA1210-40-2-12-P-1

Technical drawing of a 12V/20Ah battery, showing front, side, and detail views with dimensions in mm.

Front View (Left): Shows the battery terminals. The top terminal is labeled 'T' and the bottom terminal is labeled '1'. The battery has a width of 28 mm and a height of 30 mm.

Side View (Middle): Shows the battery profile. The total length is labeled 'L'. The distance from the top terminal to the center of the battery is 11 mm. The distance from the bottom terminal to the center is 29,5 mm. The total height is 61,5 mm. The bottom terminal is labeled 'M12x1'. The battery has a width of 28 mm.

Top View (Right): Shows the battery from above. The width is 28 mm. The distance from the top edge to the center of the battery is 40 mm. The distance from the top edge to the center of the battery is 20 mm. The distance from the top edge to the center of the battery is 10 mm. The battery has a height of 10,5 mm and a width of 10 mm.

Detail Views (Far Right): Shows the battery terminals. The top terminal is labeled 'R' and the bottom terminal is labeled '3'. The battery has a width of 14,5 mm and a height of 1,5 mm. The terminal is labeled 'M5'.

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|---|-----------------------------------|
| T | transmitter |
| R | receiver |
| 1 | LED tiga warna merah/hijau/oranye |
| 2 | LED kuning |
| 3 | LED 2 warna merah/hijau |



Tipe cahaya	cahaya inframerah
Desain kelistrikan	PNP
Perlindungan	IP 65; IP 67

Fungsi pelindung	pencegah akses untuk pelindung tangan
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Safety light curtain

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Data kelistrikan		
Toleransi tegangan pengoperasian	[%]	20
Tegangan pengoperasian	[V]	24 DC
Kelas perlindungan		III
Pelindung polaritas terbalik		ya
Waktu penundaan pengaktifan	[s]	< 2
Tipe cahaya		cahaya inframerah
Panjang gelombang	[nm]	950
Receiver		
Konsumsi arus	[mA]	83
Transmitter		
Konsumsi arus	[mA]	42
Output		
Desain kelistrikan		PNP
Jumlah output OSSD		2
Beban arus maksimal per output OSSD	[mA]	400; (24 V)
Pelindung hubung singkat		ya
Zona pendeteksian		
Tinggi area yang dilindungi	[mm]	1210
Resolusi (kapasitas deteksi d)	[mm]	40
Lebar area perlindungan (intensitas cahaya rendah)	[m]	0...4
Lebar area perlindungan (intensitas cahaya tinggi)	[m]	3...12
Waktu respons		
Waktu respons	[ms]	11.5
Kondisi pengoperasian		
Aplikasi		kelas C sesuai aplikasi tahan cuaca berdasarkan EN 60654-1
Suhu sekitar	[°C]	-10...55
Suhu penyimpanan	[°C]	-20...70
Kelembapan udara relatif maks.	[%]	95
Perlindungan		IP 65; IP 67
Pengujian/persetujuan		
EME	IEC 61496-1	
Tahan guncangan	IEC 61496-1	
Ketahanan terhadap getaran	IEC 61496-1	
Klasifikasi keamanan		
Tipe ESPE (IEC 61496-1)		2
Memenuhi persyaratan		ISO 13849-1: 2015 kategori 2, PL c
		IEC 62061 SIL 1
Waktu misi TM	[h]	175200

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PFH	[1/h]	5,0E-08
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Data teknis

Berat	[g]	4255
Dimensi	[mm]	1263 x 28 x 30
Material		casing: aluminium; lensa depan: PC
Panjang L	[mm]	1263

Elemen display/pengoperasian

Display	transmitter	1 x LED
	receiver	2 x LED

Aksesori

Item dikirim	braket pemasangan: 6
	mur slot: 6
	Mur

Keterangan

Jumlah paket	1 buah
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Koneksi listrik - receiver

Konektor: 1 x M12; pengkodean: A; Panjang kabel maksimal: 100 m; untuk penampang kawat 0.34 mm²

Koneksi



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Koneksi listrik - transmitter

Konektor: 1 x M12; pengkodean: A



Koneksi

