

OYA0610-50-4-20-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 (Middle): Shows the battery profile with dimensions: 11 mm (top flange), 61,5 mm (total height), 29,5 mm (bottom flange), and M12x1 (terminal thread). The label (2) is positioned 29,5 mm from the bottom. The label (3) is positioned 11 mm from the top.

Top View (Right): Shows the battery top with dimensions: 40 mm (total width), 20 mm (terminal spacing), 10 mm (terminal width), and 10 mm (terminal offset). The terminal (T) is marked with a plus sign (+).

Bottom View (Right): Shows the battery bottom with dimensions: 14,5 mm (terminal spacing), 1,5 mm (terminal width), and M5 (terminal thread).

Detail View (Bottom Left): Shows the battery terminal (T) with dimensions: 30 mm (terminal height) and 28 mm (terminal width).

Detail View (Bottom Right): Shows the battery terminal (T) with dimensions: 28 mm (terminal height) and 3 mm (terminal width).

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



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

Fungsi pelindung	pencegahan akses untuk tubuh dan anggota badan
------------------	--



Safety light curtain

OYA0610-50-4-20-P-1

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]	610
Resolusi (kapasitas deteksi d)	[mm]	50
Lebar area perlindungan (intensitas cahaya rendah)	[m]	0...10
Lebar area perlindungan (intensitas cahaya tinggi)	[m]	3...20
Waktu respons		
Waktu respons	[ms]	4
Kondisi pengoperasian		
Aplikasi		kelas C sesuai aplikasi tahan cuaca berdasarkan EN 60654-1
Suhu sekitar	[°C]	-10...55
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)		4
Memenuhi persyaratan		ISO 13849-1: 2015 kategori 4, PL e
		IEC 61508 SIL 3
		IEC 62061 SIL 3
Waktu misi TM	[h]	175200



Safety light curtain

OYA0610-50-4-20-P-1

PFH	[1/h]	1,1E-08
-----	-------	---------

Data teknis

Berat	[g]	2495
Dimensi	[mm]	663 x 28 x 30
Material		casing: aluminium; lensa depan: PC
Panjang L	[mm]	663

Elemen display/pengoperasian

Display		LED, kuning
		LED, hijau
		LED, merah
		LED, biru
		LED, oranye

Aksesori

Item dikirim		braket pemasangan: 4
		mur slot: 4
		Mur

Keterangan

Jumlah paket	1 buah
--------------	--------

Koneksi listrik - receiver

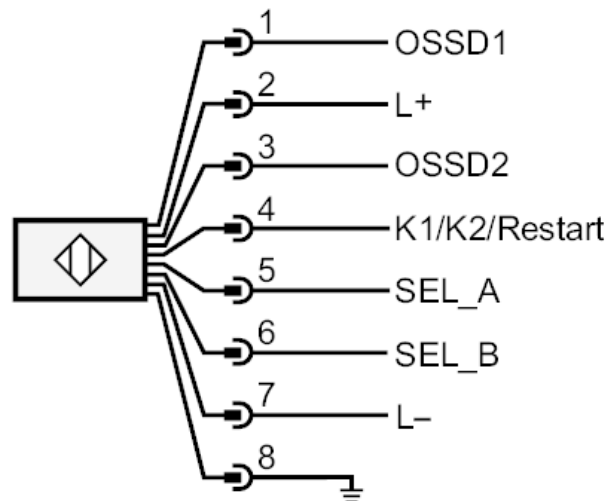
Konektor: 1 x M12; pengkodean: A; Panjang kabel maksimal: 100 m; untuk penampang kawat 0.34 mm²



Safety light curtain

OYA0610-50-4-20-P-1

Koneksi



Koneksi listrik - transmitter

Konektor: 1 x M12; pengkodean: A



Koneksi

