

## OYA1360-50-2-12-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 (T) and a label (1) with a warning symbol.

**Side View (Top):** Shows the battery terminals (R) and dimensions: 11 mm (terminal height), 61,5 mm (total height), and 29,5 mm (height to terminal base). The bottom terminal is labeled M12x1.

**Side View (Bottom):** Shows the battery terminals (R) and dimensions: 11 mm (terminal height), 61,5 mm (total height), and 29,5 mm (height to terminal base). The bottom terminal is labeled M12x1.

**Top View (Right):** Shows the battery terminals (R) and dimensions: 14,5 mm (terminal width), 10 mm (terminal spacing), 20 mm (terminal length), 40 mm (total width), and 10 mm (terminal thickness).

**Bottom View (Right):** Shows the battery terminals (R) and dimensions: 14,5 mm (terminal width), 10 mm (terminal spacing), 20 mm (terminal length), 40 mm (total width), and 10 mm (terminal thickness).

**Detail View (Bottom Right):** Shows the battery terminals (R) and dimensions: 10,5 mm (terminal width), 10 mm (terminal spacing), 3 mm (terminal thickness), and 28 mm (terminal length).

**Label (1):** A warning symbol indicating a hazard.

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

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



## 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]        | 1360                                                       |
| Resolusi (kapasitas deteksi d)                     | [mm]        | 50                                                         |
| Lebar area perlindungan (intensitas cahaya rendah) | [m]         | 0...4                                                      |
| Lebar area perlindungan (intensitas cahaya tinggi) | [m]         | 3...12                                                     |
| Waktu respons                                      |             |                                                            |
| Waktu respons                                      | [ms]        | 10.5                                                       |
| 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                                                     |

## Safety light curtain

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|     |       |         |
|-----|-------|---------|
| PFH | [1/h] | 4,6E-08 |
|-----|-------|---------|

## Data teknis

|           |                                    |                |
|-----------|------------------------------------|----------------|
| Berat     | [g]                                | 4728           |
| Dimensi   | [mm]                               | 1413 x 28 x 30 |
| Material  | casing: aluminium; lensa depan: PC |                |
| Panjang L | [mm]                               | 1413           |

## Elemen display/pengoperasian

|         |             |         |
|---------|-------------|---------|
| Display | transmitter | 1 x LED |
|         | receiver    | 2 x LED |

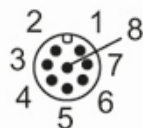
## Aksesori

|              |                      |
|--------------|----------------------|
| Item dikirim | braket pemasangan: 6 |
|              | mur slot: 6          |
|              | Mur                  |

## Keterangan

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

## Koneksi listrik - receiver

Konektor: 1 x M12; pengkodean: A; Panjang kabel maksimal: 100 m; untuk penampang kawat 0.34 mm<sup>2</sup>

## Koneksi



## Safety light curtain

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### Koneksi listrik - transmitter

Konektor: 1 x M12; pengkodean: A



### Koneksi

