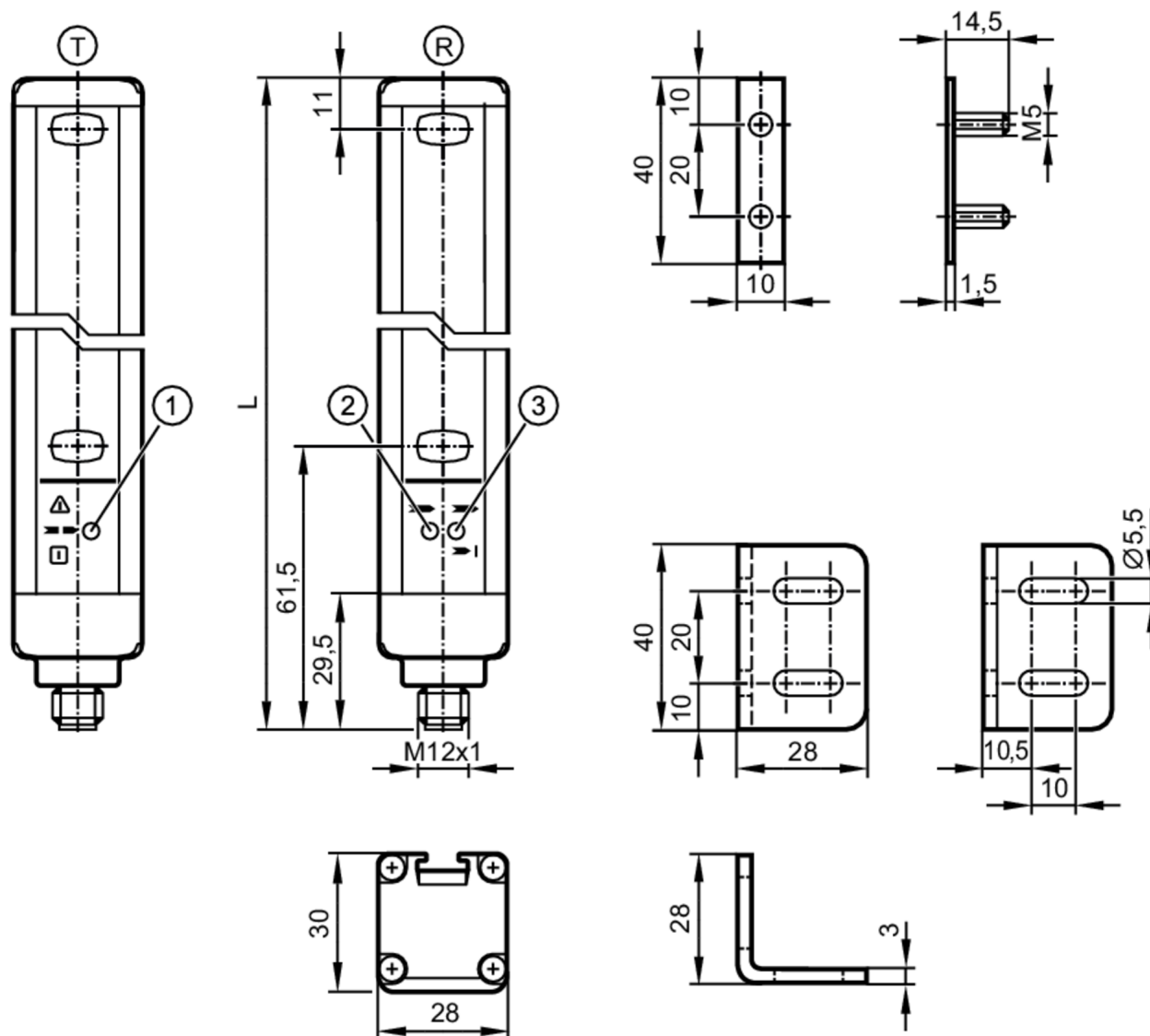


## Safety light curtain

OYA1060-40-4-12-P-1

Untuk soket 8 terminal, warna core tidak distandarisasi.  
Perhatikan perkabelan sensor dan soket (lihat lembar data).



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



## Karakteristik produk

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

## Aplikasi

|                  |                                       |
|------------------|---------------------------------------|
| Fungsi pelindung | pencegah akses untuk pelindung tangan |
|------------------|---------------------------------------|



## 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]        | 1060                                                       |
| 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]        | 10                                                         |
| 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)                            |             | 4                                                          |
| Memenuhi persyaratan                               |             | ISO 13849-1: 2015 kategori 4, PL e                         |
|                                                    |             | IEC 61508 SIL 3                                            |
|                                                    |             | IEC 62061 SIL 3                                            |

## Safety light curtain

OYA1060-40-4-12-P-1

|               |       |         |
|---------------|-------|---------|
| Waktu misi TM | [h]   | 175200  |
| PFH           | [1/h] | 1,2E-08 |

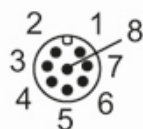
| Data teknis |      |                                    |
|-------------|------|------------------------------------|
| Berat       | [g]  | 3780                               |
| Dimensi     | [mm] | 1113 x 28 x 30                     |
| Material    |      | casing: aluminium; lensa depan: PC |
| Panjang L   | [mm] | 1113                               |

| Elemen display/pengoperasian |             |         |
|------------------------------|-------------|---------|
| Display                      | transmitter | 1 x LED |
|                              | receiver    | 2 x LED |

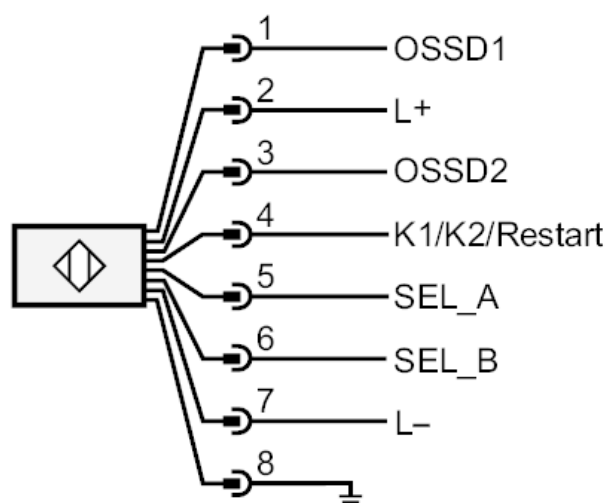
| Aksesori     |                      |
|--------------|----------------------|
| Item dikirim | braket pemasangan: 4 |
|              | mur slot: 4          |
|              | Mur                  |

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

## Koneksi listrik - receiver

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

## Koneksi

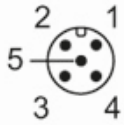


## Safety light curtain

OYA1060-40-4-12-P-1

### Koneksi listrik - transmitter

Konektor: 1 x M12; pengkodean: A



### Koneksi

