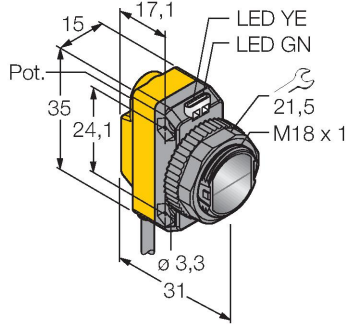


# LOP3.5M-BT18-VP6X2

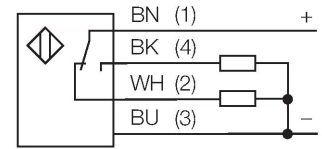
## Fotoelektrik sensör – Retroreflective Sensor with Polarizing Filter



### Özellikler

- Cable, PVC, 2 m
- Protection class IP67
- LED, all-round visible
- Sensitivity adjusted via potentiometer

### Kablo bağlantı şeması



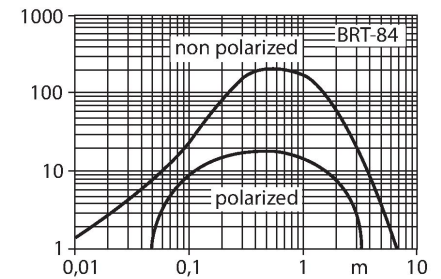
### Teknik Veriler

|                          |                                          |
|--------------------------|------------------------------------------|
| Tip                      | LOP3.5M-BT18-VP6X2                       |
| Tanıt. no.               | 7700664                                  |
| İşlev                    | polarizasyon filtreli reflektörlü sensör |
| Işık tipi                | kırmızı                                  |
| Dalga boyu               | 660 nm                                   |
| Mesafe                   | 50...3500 mm                             |
| Çalışma voltajı          | 10...30 VDC                              |
| Kaçak dalgalanma         | < 10 % U <sub>ss</sub>                   |
| DC nominal çalışma akımı | ≤ 100 mA                                 |
| Kısa devre koruması      | evet                                     |
| Ters kutup koruması      | evet                                     |
| Çıkış işlevi             | NA/NK kontağı, PNP                       |
| Akım çıkışı              | 100 mA                                   |
| Anahtarlama frekansı     | ≤ 800 Hz                                 |
| Tasarım                  | Dikdörtgen, QS18                         |
| Boyutlar                 | 31 x 15 x 35 mm                          |
| Gövde malzemesi          | Plastik, ABS                             |
| Lens                     | plastik, Acryl                           |
| Elektriksel bağlantı     | Kablolar, 2 m, PVC                       |
| Çekirdek sayısı          | 4                                        |
| Çekirdek kesiti          | 0.35 mm <sup>2</sup>                     |
| Ortam sıcaklığı          | -20...+70 °C                             |
| IP Derecesi              | IP67                                     |
| Güç-açık göstergesi      | LED, yeşil                               |
| Anahtarlama durumu       | LED, sarı                                |
| Error indication         | LED, yeşil, flashing                     |

### İşlevsel prensip

Retroreflective sensors have emitter and receiver incorporated in the same housing. The light beam of the emitter is directed towards a reflector which returns the light back to the receiver. A target is captured when it interrupts this beam. Retroreflective sensors feature some of the advantages of opposed mode sensors, such as good contrast and high excess gain. Furthermore, only one device has to be installed and wired. Devices without polarizing filter have a smaller sensing range and are more susceptible to disturbances caused by shiny objects.

Excess gain curve  
Excess gain in relation to the distance (polarized)



## Teknik Veriler

Aşırı kazanç göstergesi

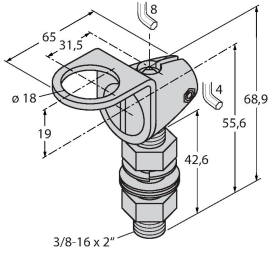
LED, sarı, yanıp sönüyor

## Aksesuarlar

TMBM18FA

7700395

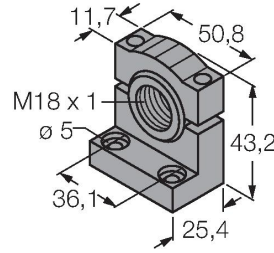
Mounting bracket; material VA 1.4401, for 18 mm thread



TMB18SF

7700396

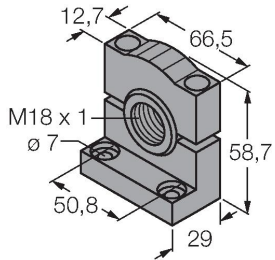
Mounting bracket, PBT black, for 10 mm thread



TMB3018SC

7700397

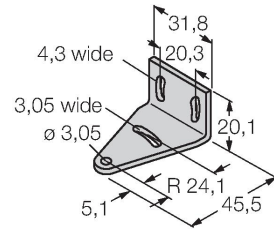
Mounting bracket, PBT black, for 18 mm thread



TMBMIS

7700401

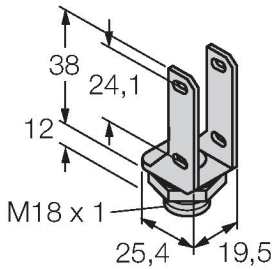
Mounting bracket, stainless steel, for BT18/BQ18 and ..-MI-..



TMBBT18Y

7700425

Protective housing, stainless steel, for BQ18



## Aksesuarlar

Ölçekli çizim

Tip

Tanııt. no.

T-BRT-84

7700382

Round reflector, reflection coefficient 1.4, material acrylic, ambient temperature -20 ... +60 °C

