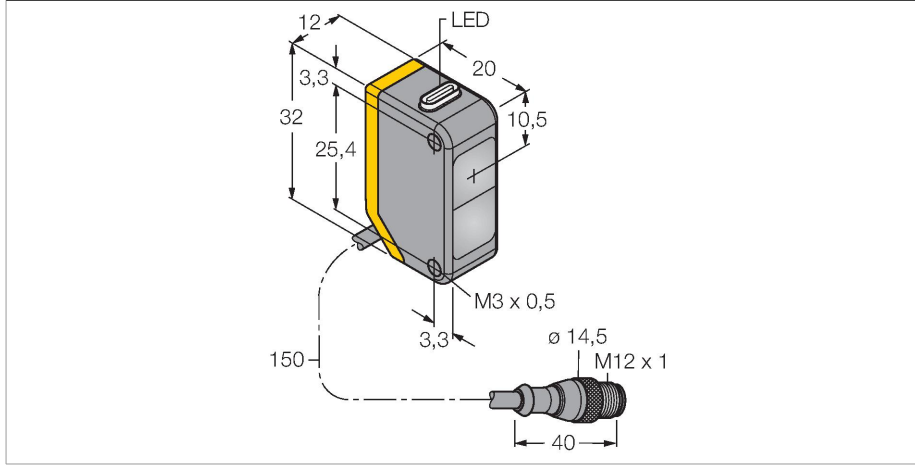


# RO12M-Q18-VP6X2-H1141-0.15

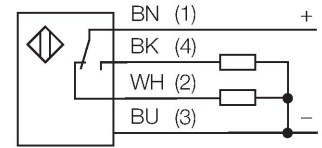
## Fotoelektrik sensör – Opposed Mode Sensor (Receiver)



### Özellikler

- Cable with male end, M12 x 1, 4-pin, PVC, 150 mm
- Protection class IP67
- LED, all-round visible
- Operating voltage: 10...30 VDC
- PNP switching output, changeover

### Kablo bağlantı şeması

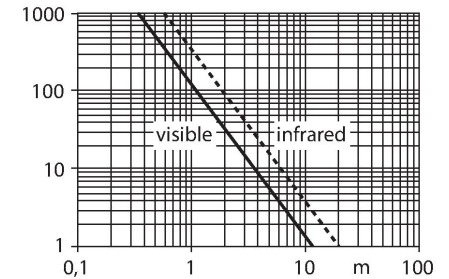


### Teknik Veriler

|                          |                                   |
|--------------------------|-----------------------------------|
| Tip                      | RO12M-Q18-VP6X2-H1141-0.15        |
| Tanıt. no.               | 7700124                           |
| İşlev                    | karşılıklı mod sensör (alıcı)     |
| Mesafe                   | 0...12000 mm                      |
| Çalışma voltajı          | 10...30 VDC                       |
| Kaçak dalgalanma         | < 10 % U <sub>ss</sub>            |
| DC nominal çalışma akımı | ≤ 100 mA                          |
| Yük akımı yok            | ≤ 18 mA                           |
| Ters kutup koruması      | evet                              |
| Çıkış işlevi             | Tamamlayıcı kontak, PNP           |
| Anahtarlama frekansı     | ≤ 600 Hz                          |
| Hazırlık gecikmesi       | ≤ 100 msn                         |
| Tasarım                  | Dikdörtgen, Q20                   |
| Boyutlar                 | 20 x 12 x 32 mm                   |
| Gövde malzemesi          | Plastik, ABS                      |
| Lens                     | plastik, Acryl                    |
| Elektriksel bağlantı     | Konektörlü kablo, M12 x 1, 0.15 m |
| Ortam sıcaklığı          | -20...+60 °C                      |
| IP Derecesi              | IP67                              |
| Güç-açık göstergesi      | LED, yeşil                        |
| Anahtarlama durumu       | LED, sarı                         |
| Error indication         | LED, yeşil, flashing              |
| Aşırı kazanç göstergesi  | LED, sarı, yanıp sönüyor          |

### İşlevsel prensip

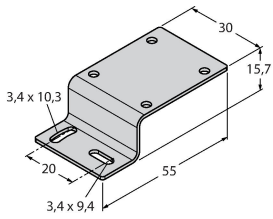
Opposed mode sensors consist of an emitter and a receiver. They are installed opposite to each other whereby the emitted light aims directly at the receiver. When an object interrupts or weakens the light beam, the sensor switches. Opposed mode sensors are the most reliable photoelectric sensors for detection of opaque objects. The high light/dark contrast and the very high excess gain are typical for this function mode and enable operation over large distances and under difficult conditions.



## Aksesuarlar

TMBQ18H

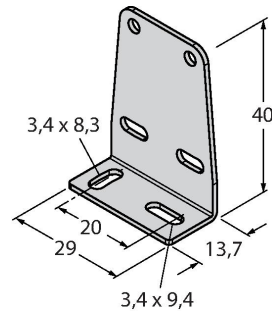
7700420



Mounting bracket, stainless steel, for Q18

TMBQ18L

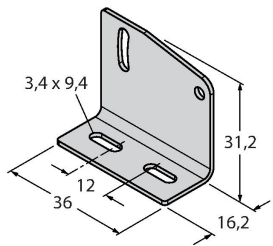
7700421



Mounting bracket, stainless steel, for Q18

TMBQ18LV

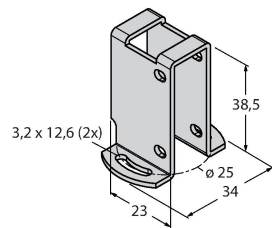
7700422



Mounting bracket, stainless steel, for Q18

TMBQ18U

7700423



Protective housing, stainless steel, for Q18