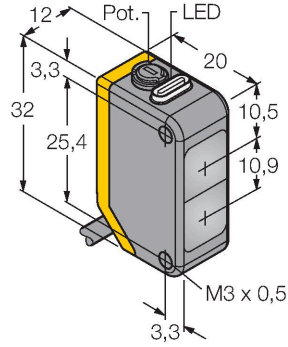


LO6M-Q18-VP6X2

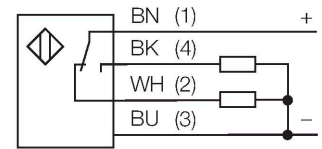
Fotoelektrik sensör – Retroreflective Sensor



Özellikler

- Cable, PVC, 2 m
- Protection class IP67
- LED, all-round visible
- Sensitivity adjusted via potentiometer
- Operating voltage: 10...30 VDC
- PNP switching output, changeover

Kablo bağlantı şeması



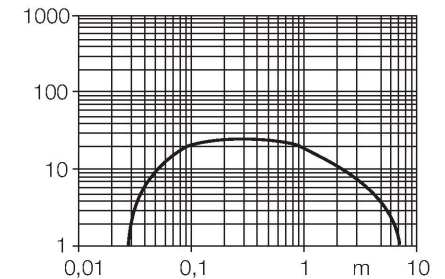
Teknik Veriler

Tip	LO6M-Q18-VP6X2
Tanıt. no.	7700116
İşlev	reflektörlü sensör
Işık tipi	kırmızı
Dalga boyu	660 nm
Mesafe	30...6000 mm
Çalışma voltajı	10...30 VDC
Kaçak dalgalanma	< 10 % U _{ss}
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	Kablolar, 2 m, PVC
Çekirdek sayısı	4
Çekirdek kesiti	0.35 mm ²
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

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 detected 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 distance

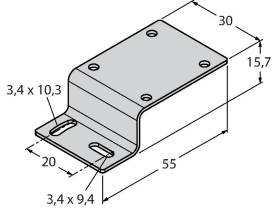


Aksesuarlar

TMBQ18H

7700420

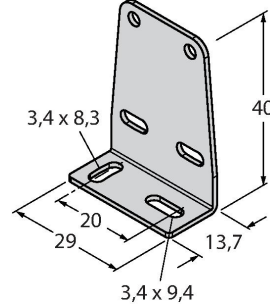
Mounting bracket, stainless steel, for Q18



TMBQ18L

7700421

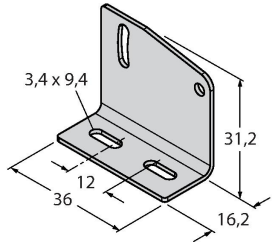
Mounting bracket, stainless steel, for Q18



TMBQ18LV

7700422

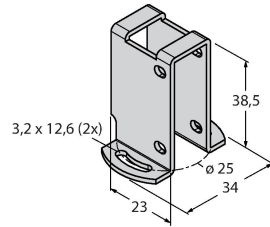
Mounting bracket, stainless steel, for Q18



TMBQ18U

7700423

Protective housing, stainless steel, for Q18



Aksesuarlar

Ölçekli çizim

Tip

T-BRT-84

Tanıt. no.

7700382

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

