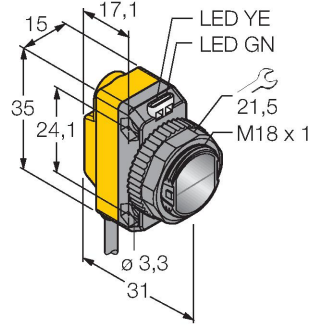


RO20M-BT18-VP6X2

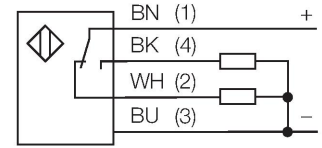
Fotoelektrik sensör – Opposed Mode Sensor (Receiver)



Özellikler

- Cable, PVC, 2 m
- Protection class IP67
- LED, all-round visible

Kablo bağlantı şeması



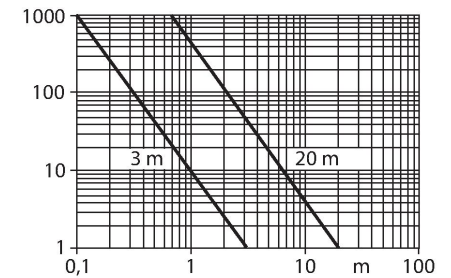
Teknik Veriler

Tip	RO20M-BT18-VP6X2
Tanıt. no.	7700660
İşlev	karşılıklı mod sensör (alıcı)
Mesafe	0...20000 mm
Çalışma voltajı	10...30 VDC
Kaçak dalgalanma	< 10 % U _{ss}
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	≤ 400 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 ²
Ortam sıcaklığı	-20...+70 °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
MTTF	2952 yılı SN 29500'e uygun (Ed. 99) 40 °C

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.

Excess gain curve
Excess gain in relation to the distance (type 6EB/RB)

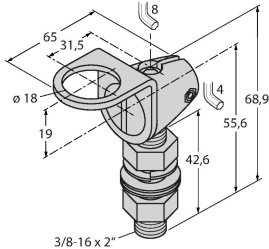


Aksesuarlar

TMBM18FA

7700395

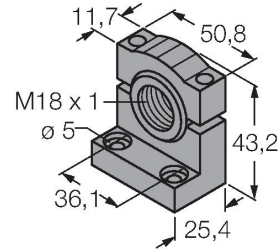
Mounting bracket; material VA 1.4401, for 18 mm thread



TMB18SF

7700396

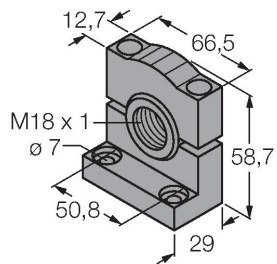
Mounting bracket, PBT black, for 10 mm thread



TMB3018SC

7700397

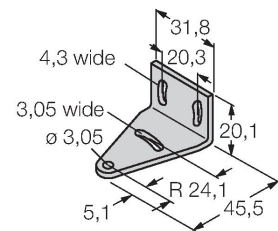
Mounting bracket, PBT black, for 18 mm thread



TMBMIS

7700401

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



TMBBT18Y

7700425

Protective housing, stainless steel, for BQ18

