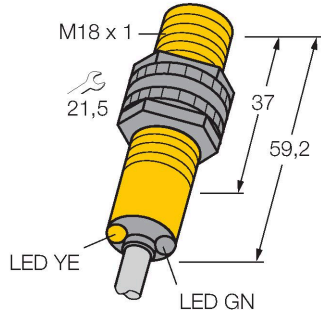


RO20M-BS18-VP6X2E

Fotoelektrik sensör – Opposed Mode Sensor (Receiver)



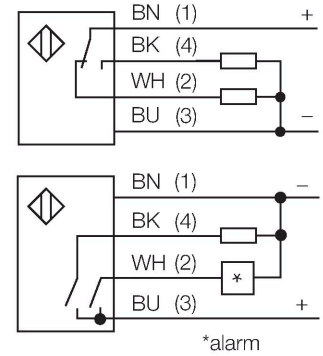
Teknik Veriler

Tip	RO20M-BS18-VP6X2E
Tanıt. no.	7700630
İşlev	karşılıklı mod sensör (alıcı)
Mesafe	0...20000 mm
Çalışma voltajı	10...30 VDC
Yük akımı yok	≤ 25 mA
Kısa devre koruması	evet / Döngüsel
Ters kutup koruması	evet
Çıkış işlevi	Programlanabilir bağlantı, PNP
Anahtarlama frekansı	≤ 160 Hz
Aşırı akımda serbest bırakma	> 220 mA
Tasarım	Silindir, dişli, S18
Boyutlar	Ø 18 mm
Gövde malzemesi	Plastik, PBT
Lens	plastik, Lexan
Elektriksel bağlantı	Kablolar, 2 m, PVC
Çekirdek sayısı	4
Çekirdek kesiti	0.5 mm ²
Ortam sıcaklığı	-40...+70 °C
IP Derecesi	IP67
Özel özellikler	Wash down
Güç-açık göstergesi	LED, yeşil
Anahtarlama durumu	LED, sarı
Error indication	LED, yeşil, flashing
Alarm display	LED sarı flashing

Özellikler

- Cable, 2 m
- Protection class IP67
- Ambient temperature: -40...+70 °C
- Selectable light/dark operation or light operation with alarm function
- Operating voltage: 10...30 VDC
- PNP switching output, changeover

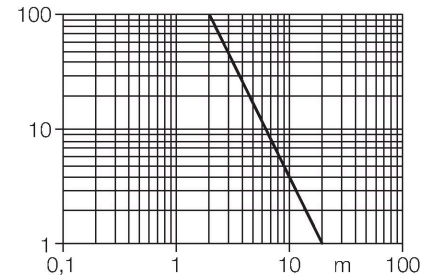
Kablo bağlantı şeması



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 distance

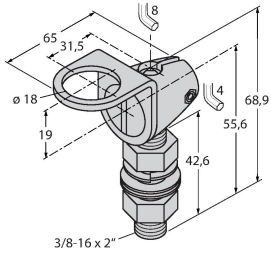


Aksesuarlar

TMBM18FA

7700395

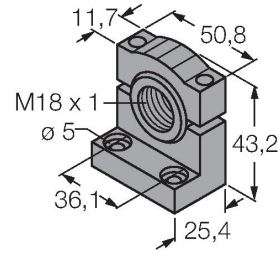
Mounting bracket; material VA 1.4401, for 18 mm thread



TMB18SF

7700396

Mounting bracket, PBT black, for 10 mm thread



TMB3018SC

7700397

Mounting bracket, PBT black, for 18 mm thread

