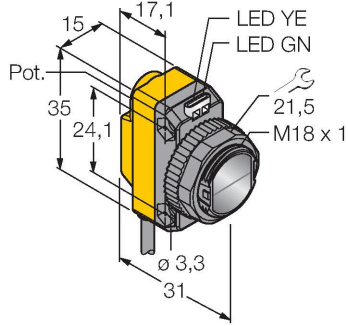


DO1L300-BT18-VP6X2

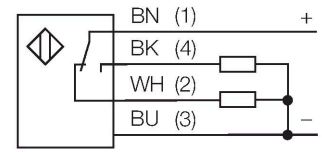
Fotoelektrik sensör – Diffuse Mode Laser Sensor



Özellikler

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

Kablo bağlantı şeması



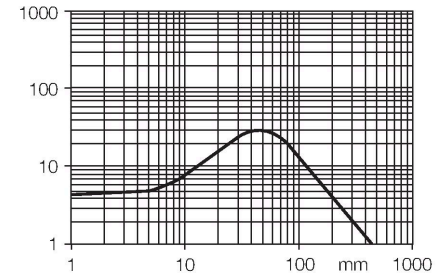
Teknik Veriler

Tip	DO1L300-BT18-VP6X2
Tanıt. no.	7700255
İşlev	Laser-Reflexionslichttaster
Işık tipi	kırmızı
Dalga boyu	650 nm
Lazer sınıfı	△ 1
Huzme çapı	300'de 1 mm mm
Mesafe	0...300 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	≤ 700 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
Özel özellikler	Lazer
Güç-açık göstergesi	LED, yeşil

İşlevsel prensip

Like retroreflective sensors, diffuse mode sensors also contain emitter and receiver circuitry in the same housing. However, diffuse mode sensors do not capture the interruption of a light beam but the reflection of a target. A target is captured if it reflects sufficient light back to the receiver. The switching distance of diffuse mode sensors thus largely depends on the object's reflectivity.

Excess gain curve
Excess gain in relation to distance

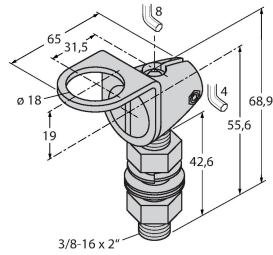


Teknik Veriler

Anahtarlama durumu	LED, sarı
Error indication	LED, yeşil, flashing
Aşırı kazanç göstergesi	LED, sarı, yanıp sönüyor
MTTF	17 yılı SN 29500'e uygun (Ed. 99) 40 °C

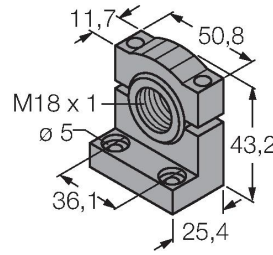
Aksesuarlar

TMBM18FA 7700395



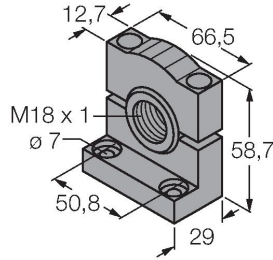
Mounting bracket; material VA 1.4401, for 18 mm thread

TMB18SF 7700396



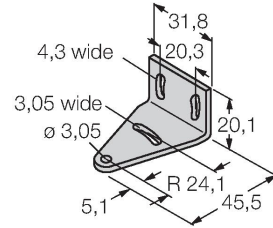
Mounting bracket, PBT black, for 10 mm thread

TMB3018SC 7700397



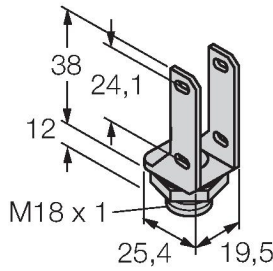
Mounting bracket, PBT black, for 18 mm thread

TMBMIS 7700401



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

TMBBT18Y 7700425



Protective housing, stainless steel, for BQ18