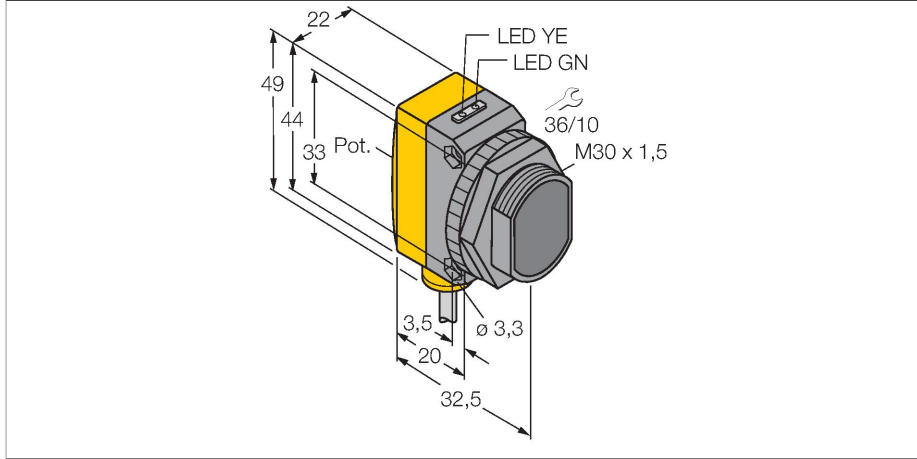


DOIR1M-BT30-VNP6X2

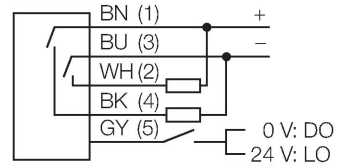
Fotoelektrik sensör – Diffuse Mode Sensor



Özellikler

- Cable, PVC, 2 m
- Protection class IP67
- LED, all-round visible
- Sensitivity adjusted via potentiometer
- Operating voltage: 10...30 VDC
- Switching output, bipolar
- Light or dark operation

Kablo bağlantı şeması



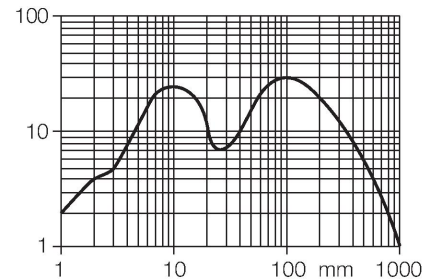
Teknik Veriler

Tip	DOIR1M-BT30-VNP6X2
Tanıt. no.	7700776
İşlev	cisimden yansımali sensör
Işık tipi	IR
Dalga boyu	940 nm
Mesafe	2...1000 mm
Çalışma voltajı	10...30 VDC
Kaçak dalgalanma	< 10 % U _{ss}
DC nominal çalışma akımı	≤ 150 mA
Yük akımı yok	≤ 35 mA
Kısa devre koruması	evet
Ters kutup koruması	evet
Çıkış işlevi	NA kontak, PNP/NPN
Hazırlık gecikmesi	≤ 100 msn
Tasarım	Dikdörtgen, QS30
Boyutlar	35 x 22 x 49 mm
Gövde malzemesi	Plastik, ABS, Sarı
Lens	plastik, Acryl
Elektriksel bağlantı	Kablolar, 2 m, PVC
Çekirdek sayısı	5
Çekirdek kesiti	0.5 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

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

MTTF

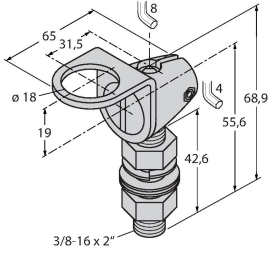
280 yılı SN 29500'e uygun (Ed. 99) 40 °C

Aksesuarlar

TMBM18FA

7700395

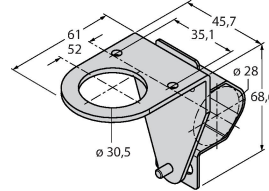
Mounting bracket; material VA 1.4401, for 18 mm thread



TMB30RAVK

7700399

Mounting bracket, stainless steel, for sensors with 30 mm thread, for cylinders Ø 28 mm



TMB30SC

7700400

Mounting bracket, PBT black; 30 mm thread; with 4 screws M5 x 0.8

