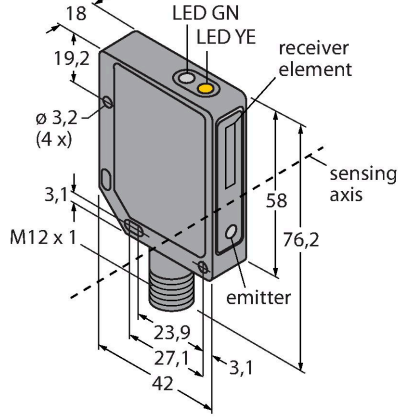


DOIR6M-BRM42-VP6X2-H1141

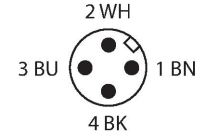
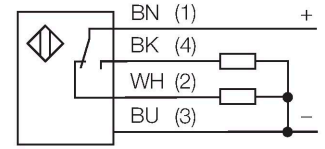
Fotoelektrik sensör – Diffuse Mode Sensor



Özellikler

- Male, M12 x 1, 4-pin
- Metal housing, ZN, black
- Protection class IP67
- Sensitivity adjusted via potentiometer
- Operating voltage 10...30 VDC
- PNP switching output
- Light/dark operation

Kablo bağlantı şeması



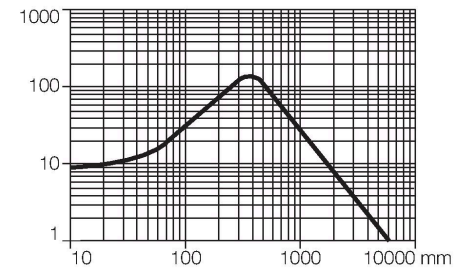
Teknik Veriler

Tip	DOIR6M-BRM42-VP6X2-H1141
Tanit. no.	7700757
İşlev	cisimden yansımali sensör
Işık tipi	IR
Dalga boyu	880 nm
Mesafe	10...6000 mm
Çalışma voltajı	10...30 VDC
Kaçak dalgalanma	< 10 % U _{ss}
DC nominal çalışma akımı	≤ 100 mA
Yük akımı yok	≤ 50 mA
Kısa devre koruması	evet
Ters kutup koruması	evet
Çıkış işlevi	NA/NK kontağı, PNP
Anahtarlama frekansı	≤ 500 Hz
Aşırı akımda serbest bırakma	> 150 mA
Tasarım	Dikdörtgen, QMT42
Boyutlar	42 x 18 x 76.2 mm
Gövde malzemesi	Metal, ZN, Siyah cilalı
Lens	plastik, Acryl
Elektriksel bağlantı	Konektörler, M12 x 1
Ortam sıcaklığı	-20...+55 °C
IP Derecesi	IP67
Güç-açık göstergesi	LED, yeşil
Anahtarlama durumu	LED, sarı
Error indication	LED, yeşil, flashing
Alarm display	LED sarı flashing

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 largely depends on the reflectivity of the target.

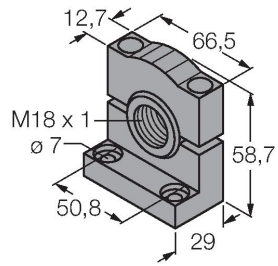
Excess gain curve
Excess gain in relation to distance



Aksesuarlar

TMB3018SC

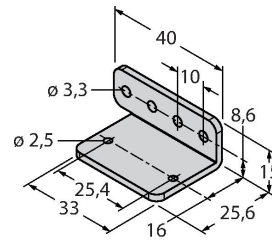
7700397



Mounting bracket, PBT black, for 18 mm thread

TMBBRM42L

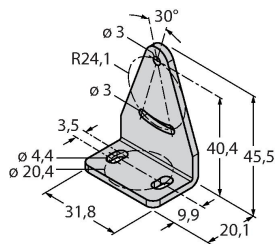
7700402



Mounting bracket, stainless steel, for QS18AF series

TMBBRM42T

7700403



Mounting bracket, stainless steel, for BRM42