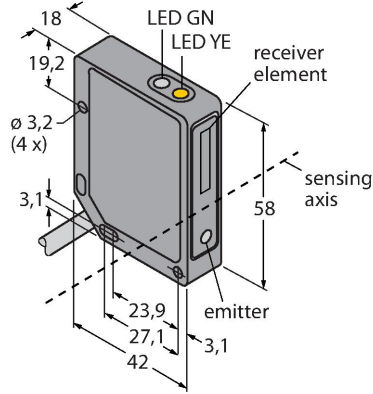


XSOIR1.5M-BRM42-VN6X2

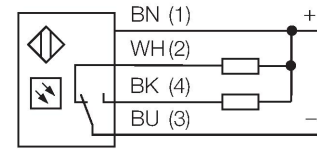
Fotoelektrik sensör – Diffuse Mode Sensor with Fixed-field Background Suppression



Özellikler

- Cable, PVC, 2 m, 4-wire
- Metal housing, ZN, black
- Protection class IP67
- Operating voltage 10...30 VDC
- NPN switching output
- Light/dark operation

Kablo bağlantı şeması



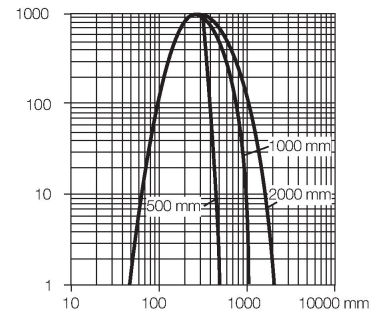
Teknik Veriler

Tip	XSOIR1.5M-BRM42-VN6X2
Tanıt. no.	7700746
İşlev	Sabit alanlı arka plan bastırma özelliği bulunan cisimden yansımali sensör
Işık tipi	IR
Dalga boyu	880 nm
Mesafe	50...1500 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, NPN
Anahtarlama frekansı	≤ 500 Hz
Aşırı akımda serbest bırakma	> 150 mA
Tasarım	Dikdörtgen, QMT42
Boyutlar	42 x 18 x 58 mm
Gövde malzemesi	Metal, ZN, Siyah cilalı
Lens	plastik, Acryl
Elektriksel bağlantı	Kablolar, 2 m, PVC
Çekirdek sayısı	4
Çekirdek kesiti	0.5 mm ²
Ortam sıcaklığı	-20...+55 °C
IP Derecesi	IP67
Güç-açık göstergesi	LED, yeşil

İşlevsel prensip

Diffuse mode sensors with background suppression operate with a single emitter and several receiver elements. The target's position and the optical structure of the sensor determine which receiver element gets the most light. The sensor electronics then determines whether the reflecting target is in or outside the measuring range. These sensors come with a fixed cut-off point.

Excess gain curve
Excess gain in relation to distance

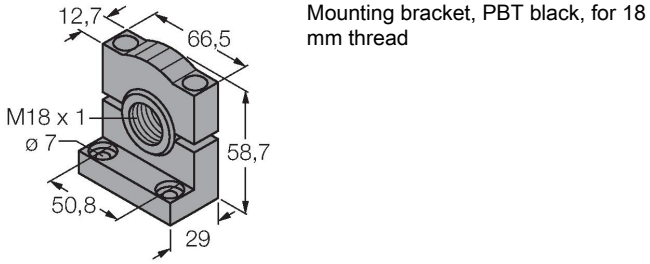


Teknik Veriler

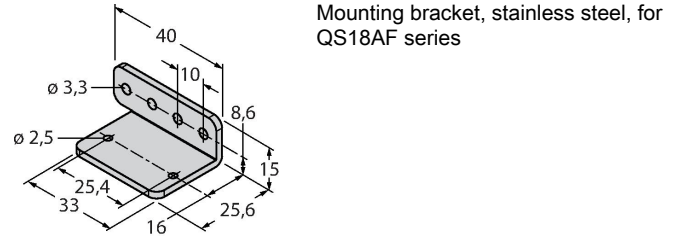
Anahtarlama durumu	LED, sarı
Error indication	LED, yeşil, flashing
Alarm display	LED sarı flashing

Aksesuarlar

TMB3018SC	7700397
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TMBBRM42L	7700402
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TMBBRM42T	7700403
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