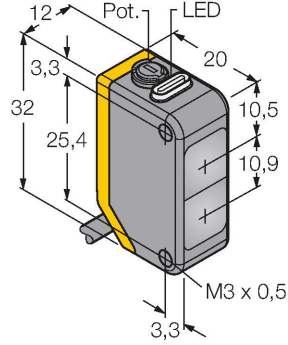


DO800-Q18-VP6X2

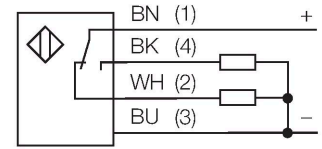
Fotoelektrik sensör – Diffuse Mode Sensor



Özellikler

- Cable, PVC, 2 m
- Protection class IP67
- LED, all-round visible
- Sensitivity adjusted via potentiometer
- Operating voltage: 10...30 VDC
- PNP switching output, changeover

Kablo bağlantı şeması



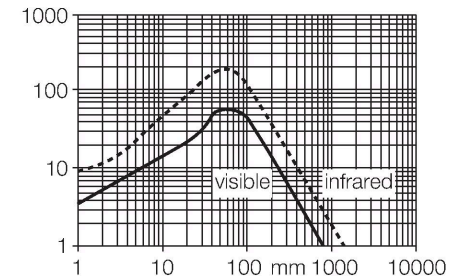
Teknik Veriler

Tip	DO800-Q18-VP6X2
Tanıt. no.	7700096
İşlev	cisimden yansımali sensör
Işık tipi	kırmızı
Dalga boyu	630 nm
Mesafe	1...800 mm
Çalışma voltajı	10...30 VDC
Kaçak dalgalanma	< 10 % U _{ss}
DC nominal çalışma akımı	≤ 100 mA
Yük akımı yok	≤ 18 mA
Ters kutup koruması	evet
Çıkış işlevi	Tamamlayıcı kontak, PNP
Anahtarlama frekansı	≤ 600 Hz
Hazırlık gecikmesi	≤ 100 msn
Tasarım	Dikdörtgen, Q20
Boyutlar	20 x 12 x 32 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...+60 °C
IP Derecesi	IP67
Güç-açık göstergesi	LED, yeşil
Anahtarlama durumu	LED, sarı
Error indication	LED, yeşil, flashing
Aşırı kazanç göstergesi	LED, sarı, yanıp sönüyor

İşlevsel prensip

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

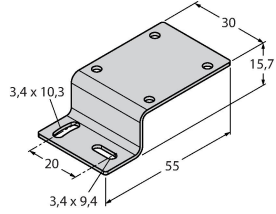
Excess gain curve
Excess gain in relation to distance



Aksesuarlar

TMBQ18H

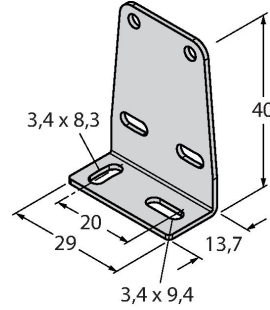
7700420



Mounting bracket, stainless steel, for Q18

TMBQ18L

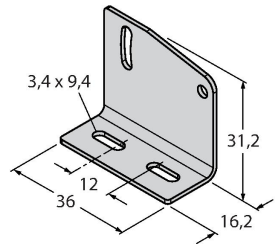
7700421



Mounting bracket, stainless steel, for Q18

TMBQ18LV

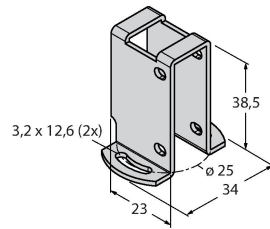
7700422



Mounting bracket, stainless steel, for Q18

TMBQ18U

7700423



Protective housing, stainless steel, for Q18