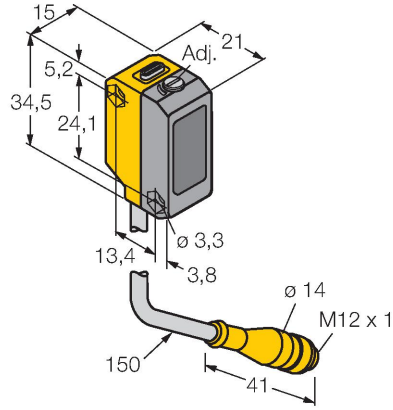


BSO1L150-BQ18-VP6X2-H1141-0.15

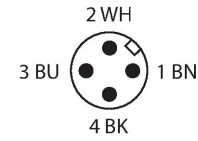
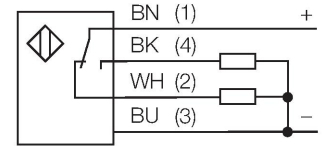
Fotoelektrik sensör – Diffuse Mode Laser Sensor with Adjustable Background Suppression



Özellikler

- Cable with male end, M12 x 1, 4-pin, PVC, 150 mm
- Protection class IP67
- LED, all-round visible
- Cut-off point adjusted via potentiometer

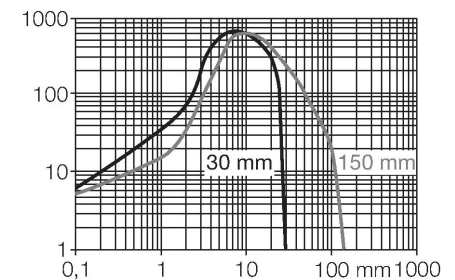
Kablo bağlantı şeması



İşlevsel prensip

Diffuse mode sensors with background suppression operate with a single emitter and several receiver elements, one for close range and one for long-range. The target's position and the optical structure of the sensor determine which receiver element gets the most light. The optics before the receiver is modified with the adjusting screw shifting this way the boundary between close and long-range. This operation determines whether the reflecting object is in or outside the measuring range.

Excess gain curves relating to the nearest and farthest cut-off point



Teknik Veriler

Tip	BSO1L150-BQ18-VP6X2-H1141-0.15
Tanıt. no.	7700254
İşlev	Ayarlanabilir arka plan bastırma özelliği bulunan cisimden yansımali sensör
Işık tipi	kırmızı
Dalga boyu	650 nm
Lazer sınıfı	▲ 1
Huzme çapı	1 mm
Mesafe	1...150 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	21.1 x 15 x 34.5 mm
Gövde malzemesi	Plastik, ABS
Lens	plastik, Acryl
Elektriksel bağlantı	Konektörlü kablo, M12 x 1, 0.15 m
Ortam sıcaklığı	-10...+50 °C
IP Derecesi	IP67
Güç-açık göstergesi	LED, yeşil
Anahtarlama durumu	LED, sarı

