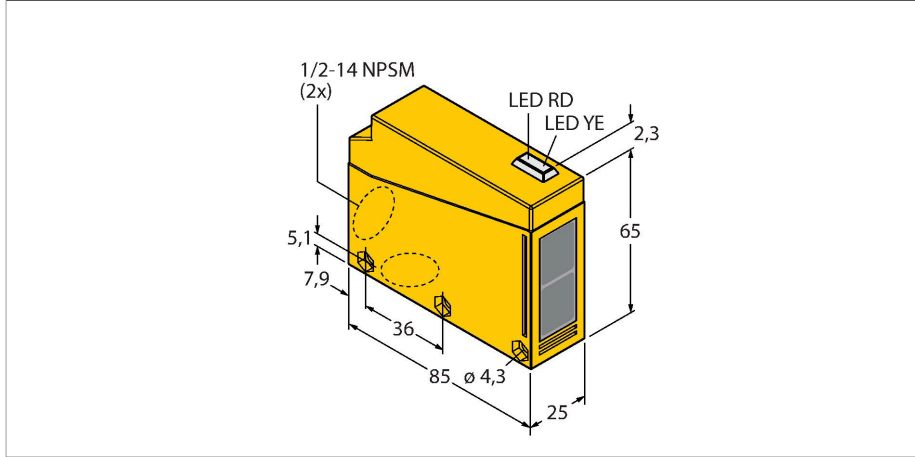


LOP4.6M-BR85-RVDZ5X2E

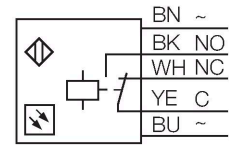
Fotoelektrik sensör – Retroreflective Sensor with Polarizing Filter



Özellikler

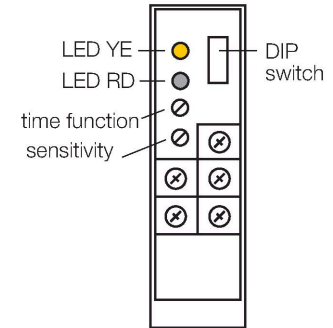
- Integrated terminal chamber
- Cable glands, offset installation by 90° in two places
- Protection class IP67
- AID alignment aid
- Operating voltage: 12...240 VDC, 24...240 VAC
- Relay output
- Light and dark operation
- Sensitivity adjusted via potentiometer
- Different time functions available (0.1...5 s)

Kablo bağlantı şeması



Teknik Veriler

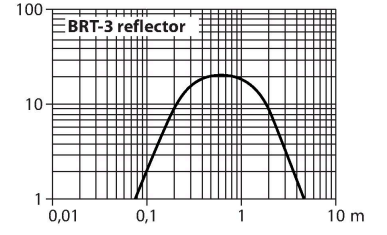
Tip	LOP4.6M-BR85-RVDZ5X2E
Tanit. no.	7700705
İşlev	polarizasyon filtreli reflektörlü sensör
Işık tipi	kırmızı
Dalga boyu	680 nm
Mesafe	80...4600 mm
Çalışma voltajı	12...240 VDC
Çalışma voltajı	24...240 VAC
DC nominal çalışma akımı	≤ 3000 mA
AC nominal çalışma akımı	≤ 3000 mA
Çıkış işlevi	NA/NK kontağı, Röle çıkışı
Anahtarlama frekansı	≤ 25 Hz
Maks. AC anahtarlama kapasitesi	2 VA
Tasarım	Dikdörtgen, Q85
Boyutlar	85 x 25 x 65 mm
Gövde malzemesi	Plastik, ABS, Sarı
Lens	akrilik, plastic
Elektriksel bağlantı	Klemens bağlantısı
Ortam sıcaklığı	-25...+55 °C
IP Derecesi	IP67
Anahtarlama durumu	LED, sarı
Aşırı kazanç göstergesi	LED, kırmızı, yanıp sönüyor



İşlevsel prensip

Retroreflective sensors have emitter and receiver incorporated in the same housing. The light beam of the emitter is directed towards a reflector which returns the light back to the receiver. A target is captured when it interrupts this beam. Retroreflective sensors feature some of the advantages of opposed mode sensors, such as good contrast and high excess gain. Furthermore, only one device has to be installed and wired. Devices without polarizing filter have a smaller sensing range and are more susceptible to disturbances caused by shiny objects.

Excess gain curve
Excess gain in relation to distance



Aksesuarlar

Ölçekli çizim	Tip	Tanıt. no.	
	T-BRT-3	7700369	Round reflector, reflection coefficient 1.0, material acrylic, ambient temperature -20 ... +60 °C

