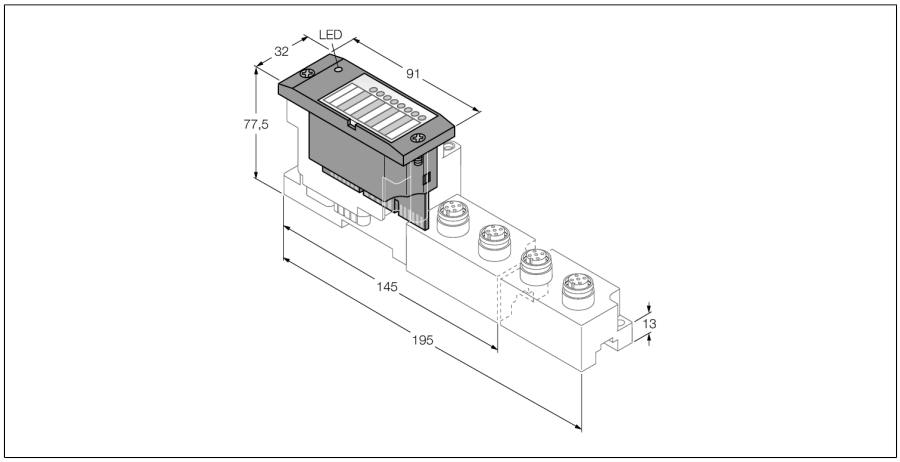
BL67 electronic module
8 izole röle çıkışı, NA
BL67-8DO-R-NO



- Kullanılan fieldbus ve bağlantı teknolojisinden bağımsız
- Koruma sınıfı IP67
- LEDs for status display
- Electronics galvanically separated from the field level via optocouplers
- 8 isolated relay outputs
- Potential-free electronic relay contact (MOSFET)
- Max. 0.1A

Tip	BL67-8DO-R-NO
Tanıt. no.	6827277
Kanal sayısı	8
Besleme gerilimi	24 VDC
Modül veri yolundan gelen nominal akım	≤ 50 mA
Güç dağılımı, tipik	≤ 2 W
Çıkış bağlantısı	M12
Çıkış tipi	Potansiyelsiz elektronik röle kontağı (MOSFET)
Switching resistor	< 31 Ω
Çıkış voltajı	Maks. 50 V pikten pike gerilim (Ueff ≤ 50 VDC/17,6 VAC)
Kanal başına çıkış akımı	100 mA at 25 °C / 50 mA at 55 °C
Çıkış gecikmesi	3 ms
Yük tipi	resistive, TTL logic
Anahtarlama frekansı, dirençli	< 200 Hz
Kısa devre koruması	hayır
Simultaneity factor	1
Elektrik yalıtımı	Electronics to the field level 250 VAC, channel to channel 50 VAC, channel to PE 100 VAC

İşlevsel prensip

BL67 electronic modules are plugged on the purely passive base modules which in turn are connected to the field devices. The separation of connection level and electronics simplifies maintenance considerably. Flexibility is enhanced because the user can choose between base modules with different connection technologies.

The electronic modules are completely independent of the higher level fieldbus through the use of gateways.

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Boyutlar (W x L x H)	32 x 91 x 59 mm
Onaylar	CE, cULus
Ortam sıcaklığı	0…+55 °C
Sıcaklık değer kaybı	
> 55 °C Circulating air (Ventilation)	max 25 mA output current per channel
> 55°C Sabit ortam havası	max. 25 mA output current per channel
Saklama sıcaklığı	-40…+85 °C
Bağıl nem	%5…95 (dahili), seviye RH-2, yoğuşmasız (45°C'de depolandığında)
Titreşim testi	EN 61131 uyarınca
- up to 5 g (at 10 to 150 Hz)	for mounting on DIN rail no drilling according to EN 60715, with end bracket
- up to 20 g (at 10 up to 150 Hz)	for mounting on base plate or machinery Therefore every second module has to be mounted with two screws each.
Darbe testi	IEC 60068-2-27 uyarınca
Düşme ve devrilme	acc. to IEC 68-2-31 and free fall to IEC 68-2-32
Elektromanyetik uyumluluk	EN 61131-2 uyarınca
IP Derecesi	IP67
Tightening torque fixing screw	0.9…1.2 Nm

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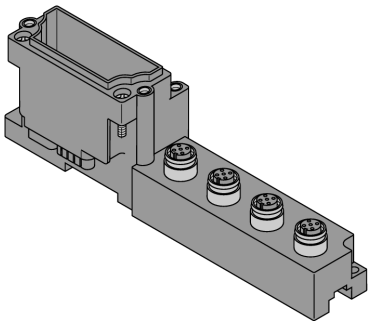
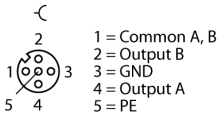
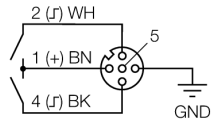
Compatible base modules

Ölçekli çizim	Type	Pin configuration
	**BL67-B-4M12-P** 6827195 4 x M12, 5-pole, female, paired **Comments** Bağlantı kablosunun eşleştirilmesi (örnek): RKC4.4T-2-RSC4.4T/TXL Tanım. No. 6625608	Tel ataması  Wiring Diagram 

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LED display

LED	Color	Status	Meaning
D		OFF	No error message or diagnostics active.
	RED	ON	Failure of module bus communication. Check if more than 2 adjacent electronic modules are pulled. Relevant modules are located between gateway and this module.
	RED	FLASHING (0.5 Hz)	Upcoming module diagnostics
DO channels 0…7		OFF	Status channel x = 0 (OFF)
	GREEN	ON	Status channel x = 1 (ON)

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Data mapping

DATA	BYTE	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Output	m	DO 7	DO 6	DO 5	DO 4	DO 3	DO 2	DO 1	DO 0

n = Offset of input data; depending on extension of station and the corresponding fieldbus.
m = Offset of output data; depending on extension of station and the corresponding fieldbus.

With PROFIBUS, PROFINET and CANopen, the I/O data of this module is localized
within the process data of the whole station via the hardware configuration tool of the fieldbus master.
With DeviceNet™, EtherNet/IP™ and Modbus TCP a detailed mapping table can be created
with the TURCK configuration tool I/O-ASSISTANT.

Pin assignment at corresponding base module:

DATA	BYTE	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
BL67-B-4M12-P									
Output	m	C3 P2	C3 P4	C2 P2	C2 P4	C1 P2	C1 P4	C0 P2	C0 P4

C… = slot no., P… = pin no.

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