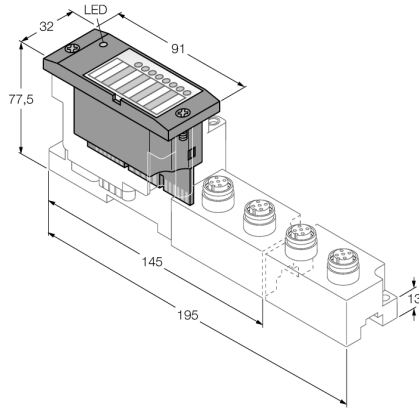


BL67 electronic module

2 analog outputs for voltage

BL67-2AO-V



- Kullanılan fieldbus ve bağlantı teknolojisinden bağımsız
- Koruma sınıfı IP67
- LEDs indicate status and diagnostic
- Electronics galvanically separated from the field level via optocouplers
- 2 analog outputs
- -10/0...+10 VDC

İşlevsel prensip

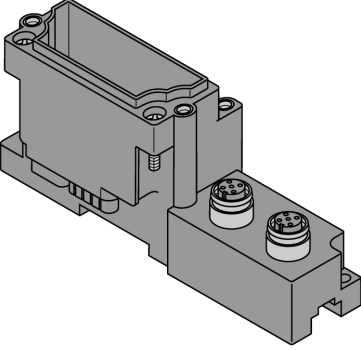
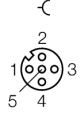
BL67 electronic modules are plugged on the purely passive base modules which in turn are connected to the field devices. The separation of connection level and electronics simplifies maintenance considerably. Flexibility is enhanced because the user can choose between base modules with different connection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

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

Tip	BL67-2AO-V
Tanıt. no.	6827180
Kanal sayısı	2
Besleme gerilimi	24 VDC
Nominal voltage V_i	24 VDC
Alan beslemesinden gelen nominal akım	$\leq 50 \text{ mA}$
Modül veri yolundan gelen nominal akım	$\leq 60 \text{ mA}$
Max. sensor supply I_{sens}	250 mA per port, electronic short-circuit limiting
Güç dağılımı, tipik	$\leq 1 \text{ W}$
Çıkış bağlantısı	M12
Çıkışlar	
Çıkış tipi	-10/0...+10 VDC
Yük direnci, dirençli	$> 1 \text{ k}\Omega$
Yük direnci, kapasitif	$< 1 \mu\text{F}$
Transmission frequency	$< 100 \text{ Hz}$
23°C'de temel arıza sınırı	$< 0.2 \%$
Tekrarlanabilirlik	0.05 %
Sıcaklık katsayısı	$< \text{tam ölçeğin } 300 \text{ ppm/}^\circ\text{C'si}$
Çözünürlük	16 Bit
Ölçülen değer ekranı	16 bit signed integer
	12 bit full range left justified
Parametre bayt sayısı	6

Boyutlar (W x L x H)	32 x 91 x 59 mm
Onaylar	CE, cULus
Ortam sıcaklığı	-40...+70 °C
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

Compatible base modules

Ölçekli çizim	Type	Pin configuration
	BL67-B-2M12 6827186 2 x M12, 5-pole, female, a-coded Comments Bağlantı kablosunun eşleştirilmesi (örnek): RKC5.501T-2-RSC5.501T/TXL Tanım. No. 6628831	Tel ataması  1 = V_{SENS} 2 = AO + 3 = GND 4 = AO - 5 = PE

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
AO channels 0 / 1			Without function

Data mapping

DATA	BYTE	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Output	m	AO 0 LSB							
	m+1	AO 0 MSB							
	m+2	AO 1 LSB							
	m+3	AO 1 MSB							

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.