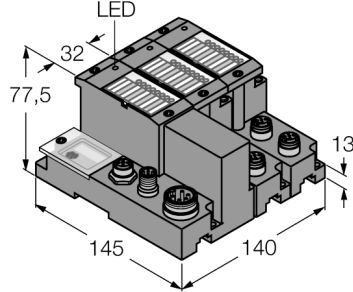


Set for I/O Communication via Profibus DPV1 in IP67

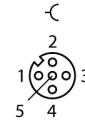
TI-BL67-DPV1-S-4



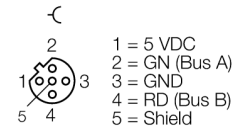
Tip kodu	TI-BL67-DPV1-S-4
İdent no.	1545107
Kanal sayısı	4
Boyutlar (W x L x H)	140 x 145 x 77.5 mm
Besleme gerilimi	24 VDC
max. system supply current I_{mb} (5V)	1.5, A
Max. sensor supply I_{sens}	4 A electronically limited current supply electronically limited current supply
max. load current I_o	10 A
Kabul edilebilir aralık	18...30 VDC
Fieldbus iletim hızı	9.6 kbps ... 12 Mbps
Fieldbus adres aralığı	1...125
Fieldbus adresleme	3 decimally coded rotary switches
Servis arayüzü	RS232 interface (PS/2 socket)
Fieldbus bağlantı teknolojisi	2 x M12, 5 pimli, ters kodlanmış
Gerilim besleme bağlantısı	7/8", 5 pimli
Fieldbus sonlandırma	external
Transmission rate	115.2 kb/sn
Elektrik yalıtımı	isolation of electronics and field level via opto-couplers
Çıkış bağlantısı	M12
Sensör besleme	0.5 A per channel, short-circuit proof
Sıcaklık değer kaybı	
> 55 °C Circulating air (Ventilation)	no limitation
> 55°C Sabit ortam havası	$I_{sens} < 3A$, $I_{mb} < 1A$
Bağıl nem	%5...95 (dahili), seviye RH-2, yoğunlaşmaz (45°C'de depolandığında)
Titreşim testi	EN 61131 uyarınca
Genişletilmiş titreşim direnci	VN 02-00 and higher
- 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

- A special software (function module) for integration in PLC systems is not required.
- User data, 8 byte per read/write cycle
- Cable max. 50 m between interface and read/write head
- 3 decimal rotary coding switches for the adjustment of the Profibus address
- Maximum transmission rate to the fieldbus 12 Mbps
- Two males M12 x 1, 5-pin reverse-keyed, for fieldbus connection
- One male 7/8", 5-pin, for power supply
- LEDs for display of supply voltage, group and bus errors as well as status and diagnostics
- Connection of up to 4 read/write heads (HF/UHF) via BL ident M12 extension cables
- Mixed operation of HF and UHF read/write heads

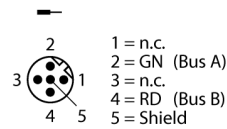
Kablo Bağlantı Şeması



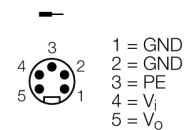
PROFIBUS-DP DİŞ



PROFIBUS-DP



Güç Kaynağı



Set for I/O Communication via Profibus DPV1 in IP67 TI-BL67-DPV1-S-4

teslimata dahildir

1 × uç plaka, BL67

İşlevsel prensip

BL ident, tesis yapınıza birçok farklı şekilde entegre edilebilir.

PROFIBUS-DP, Ethernet/IP, Ethernet Modbus TCP, EtherCAT, DeviceNet, CANopen ve PROFINET IO gibi çeşitli fieldbus standartları esnek entegrasyon sağlar.

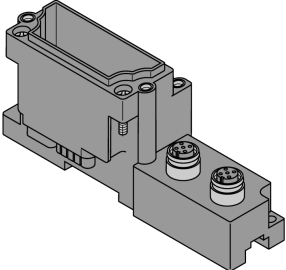
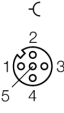
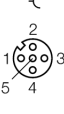
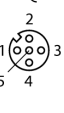
Basit BL ident elektronik modülleri (BL20-2RFID-S, BL67-2RFID-S), iletişim için standart giriş ve çıkış işlem verileri kullanıldığından, işlev bloğu olmadan mevcut kontrol sistemlerine veya ana sistemlere entegre edilebilir.

Çevresel ön işleme işlevine sahip programlanabilir ağ geçitleri, kontrol sistemini ve fieldbus seviyesini rahatlatır.

Ön montajlı setler (2, 4, 6 veya 8 bağlantı noktası), kolayca monte edilebilir, tüm fieldbus ağları için mevcuttur.

Set for I/O Communication via Profibus DPV1 in IP67 TI-BL67-DPV1-S-4

Compatible base modules

Ölçekli çizim	Type	Pin configuration
	BL67-B-2M12 6827186 2 x M12, 5-pole, female, a-coded	Pin configuration Konektörler .../S2500  1 = BN (+) 2 = BK (Data) 3 = BU (GND) 4 = WH (Data) 5 = shield .../S2501 Connectors  1 = BN (+) 2 = WH (Data) 3 = BU (GND) 4 = BK (Data) 5 = shield Connectors .../S2503  1 = RD (+) 2 = BU (Data) 3 = BK (GND) 4 = WH (Data) 5 = shield

Set for I/O Communication via Profibus DPV1 in IP67

TI-BL67-DPV1-S-4

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
RW0 / RW1		OFF	No tag, no active diagnostics
	GREEN	ON	Tag available
	GREEN	FLASHING (2 Hz)	Data exchange with tag enabled
	RED	ON	Read/write head error
	RED	FLASHING (2 Hz)	Short-circuit in the supply line of read/write head

Set for I/O Communication via Profibus DPV1 in IP67

TI-BL67-DPV1-S-4

G/Ç Veri Eşleşmesi

GİRİŞ	BAYT	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
INPUT	BYTE	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Channel 0	0	DONE	BUSY	ERROR	XCVR CON	XCVR ON	TP	TFR	Reserved
	1	Error Code							
	2	Error Code 1							
	3	Reserved							
	4	READ DATA (8 Byte)							
	5								
	...								
	10								
	11								
Channel 1	12	DONE	BUSY	ERROR	XCVR CON	XCVR ON	TP	TFR	Reserved
	13	Error Code							
	14	Error Code 1							
	15	Reserved							
	16	READ DATA (8 Byte)							
	17								
	...								
	22								
	23								
OUTPUT	BYTE	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Channel 0	0	XCVR	NEXT	TAG ID	READ	WRITE	TAG INFO	XCVR INFO	RESET
	1	Reserved					Byte Count 2	Byte Count 1	Byte Count 0
	2	Address high byte							
	3	Address low byte							
	4	WRITE DATA (8 Byte)							
	5								
	...								
	10								
	11								
Channel 1	12	XCVR	NEXT	TAG ID	READ	WRITE	TAG INFO	XCVR INFO	RESET
	13	Reserved					Byte Count 2	Byte Count 1	Byte Count 0
	14	Address high byte							
	15	Address low byte							
	16	WRITE DATA (8 Byte)							
	17								
	...								
	22								
	23								

Set for I/O Communication via Profibus DPV1 in IP67 TI-BL67-DPV1-S-4

Aksesuarlar

Tip kodu	İdent no.		Ölçekli çizim
RKM52-6M	6914145	Güç kaynağı kablosu, 7/8" dişi konektör, düz, 4 pimli + PE, kablo uzunluğu: 6 m, kılıf malzemesi: PUR, gri	
RSM-2RKM50	6914950	Güç kaynağı T ayırıcı, 1 x 7/8" erkek, 2 x 7/8" dişi, 5 pimli, izin verilen akım şiddeti: 9 A, Nominal gerilim: 250 V, Sıcaklık: -40 °C ... +80 °C, paralel kablolanmış	