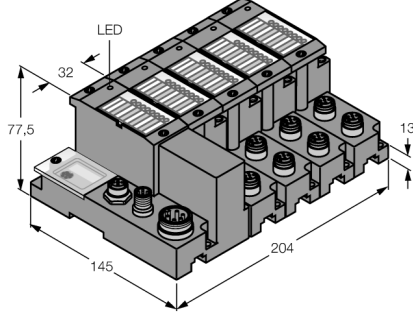


# Set for I/O Communication via Profibus DPV1 in IP67

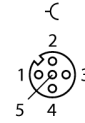
## TI-BL67-DPV1-S-8



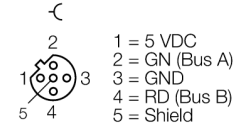
|                                          |                                                                                                               |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Tip kodu</b>                          | TI-BL67-DPV1-S-8                                                                                              |
| İdent no.                                | 1545109                                                                                                       |
| Kanal sayısı                             | 8                                                                                                             |
| Boyutlar (W x L x H)                     | 204 x 145 x 77.5 mm                                                                                           |
| <b>Besleme gerilimi</b>                  | 24 VDC                                                                                                        |
| max. system supply current $I_{mb}$ (5V) | 1.5, A                                                                                                        |
| Max. sensor supply $I_{sens}$            | 4 A electronically limited current supply<br>electronically limited current supply                            |
| max. load current $I_o$                  | 10 A                                                                                                          |
| Kabul edilebilir aralık                  | 18...30 VDC                                                                                                   |
| <b>Fieldbus iletim hızı</b>              | 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                                                                                                      |
| <b>Transmission rate</b>                 | 115,2 kb/sn                                                                                                   |
| Elektrik yalıtımı                        | isolation of electronics and field level via opto-couplers                                                    |
| <b>Çıkış bağlantısı</b>                  | M12                                                                                                           |
| <b>Sensör besleme</b>                    | 0.5 A per channel, short-circuit proof                                                                        |
| <b>Sıcaklık değer kaybı</b>              | &#x0020;                                                                                                      |
| > 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                                                                                             |
| Geniştirilmiş 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 8 read/write heads via BL ident M12 extension cables
- Mixed operation of HF and UHF read/write heads

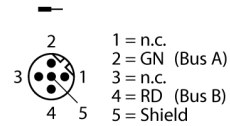
### Kablo Bağlantı Şeması



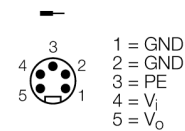
### PROFIBUS-DP DİŞ



### PROFIBUS-DP



### Güç Kaynağı



## Set for I/O Communication via Profibus DPV1 in IP67 TI-BL67-DPV1-S-8

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.

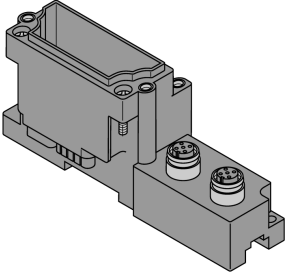
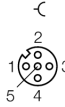
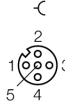
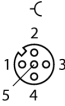
Basit BL ident elektronik modülleri (BL20-2RFID-S, BL67-2RFID-S), iletişim için standart giriş ve çıkış işlem verileri kullanıldığından, işlev bloğu olmadan mevcut kontrol sistemlerine veya ana sistemlere entegre edilebilir.

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-8

### Compatible base modules

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

## Set for I/O Communication via Profibus DPV1 in IP67

### TI-BL67-DPV1-S-8

#### 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                                                                                                             |

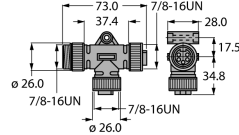
## Set for I/O Communication via Profibus DPV1 in IP67

### TI-BL67-DPV1-S-8

#### 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   |                     |       |        |          |         |              |              |              |
|           | 12   | DONE                | BUSY  | ERROR  | XCVR CON | XCVR ON | TP           | TFR          | Reserved     |
| Channel 1 | 13   | Error Code          |       |        |          |         |              |              |              |
|           | 14   | Error Code 1        |       |        |          |         |              |              |              |
|           | 15   | Reserved            |       |        |          |         |              |              |              |
|           | 16   | READ DATA (8 Byte)  |       |        |          |         |              |              |              |
|           | 17   |                     |       |        |          |         |              |              |              |
|           | ...  |                     |       |        |          |         |              |              |              |
|           | 22   |                     |       |        |          |         |              |              |              |
|           | 23   |                     |       |        |          |         |              |              |              |
|           | 24   |                     |       |        |          |         |              |              |              |
|           | 25   |                     |       |        |          |         |              |              |              |
| 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   |                     |       |        |          |         |              |              |              |
|           | 12   | XCVR                | NEXT  | TAG ID | READ     | WRITE   | TAG INFO     | XCVR INFO    | RESET        |
| Channel 1 | 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   |                     |       |        |          |         |              |              |              |
|           | 24   |                     |       |        |          |         |              |              |              |
|           | 25   |                     |       |        |          |         |              |              |              |

**Set for I/O Communication via Profibus DPV1 in IP67  
TI-BL67-DPV1-S-8****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 |  |