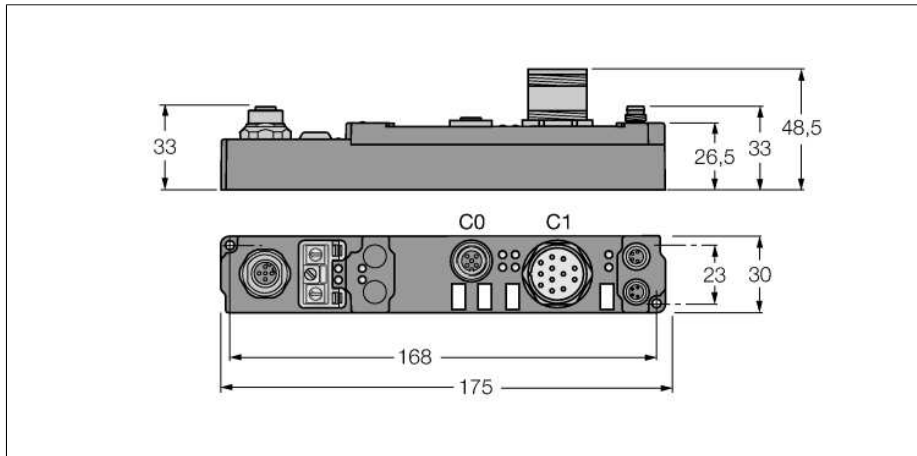


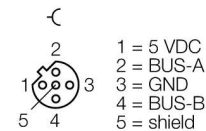
**piconet® stand-alone module for PROFIBUS-DP
single-channel incremental encoder interface
SDPB-10S-0001**

- Incremental encoder interface
- 1-channel
- Configuration interface
- Parametrizable functions
- Supported via I/O-ASSISTANT 2
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

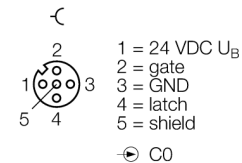


| | |
|---|--|
| Type code | SDPB-10S-0001 |
| Ident no. | 6824074 |
| Operating / load voltage | 20...29 VDC |
| Operating current | ≤ 140 mA |
| Fieldbus transmission rate | 9.6 kbps ... 12 Mbps |
| Fieldbus addressing | 0 to 99 |
| Service interface | parameterisation via I/O-ASSISTANT |
| Electrical isolation | Fieldbus to operational voltage |
| Maximum limiting frequency, analogue | 1 MHz Hz |
| Rectangular decoder | 1-port, 2-port, 4-port evaluation |
| Counter | 16 bit binary |
| Actuator power supply | 5 VDC |
| Zero pulse latch | 16 bit |
| Commands | read, set, activate |
| Dimensions (W x L x H) | 30x175x26.5mm |
| Operating temperature | 0...+55 °C |
| Storage temperature | -25 to 85 °C |
| Vibration test | as per EN 60068-2-6 |
| Shock test | acc. to DIN EN 60068-2-27 |
| Electro-magnetic compatibility | according to EN 61000-6-2/EN 61000-6-4 |
| Protection class | IP67 |
| Approvals | CE, cULus |

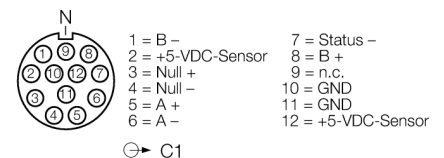
Fieldbus M12 x 1



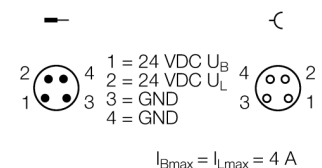
Gate / latch input M12 x 1



Encoder - M23 x 1



Voltage supply M8 x 1



**piconet® stand-alone module for PROFIBUS-DP
single-channel incremental encoder interface
SDPB-10S-0001**

Data in process image

| | Address | Input data | | Output data | |
|---|----------|------------|----------|-------------|----------|
| Pre-conditions | Word | High-Byte | Low-Byte | High-Byte | Low-Byte |
| Complex mapping: Data are mapped with control and status byte | 0 | D1 | SB | Reg1 | CB |
| | 1 | D2 | D0 | reserved | Reg0 |
| | 2 | D3 | D4 | reserved | reserved |