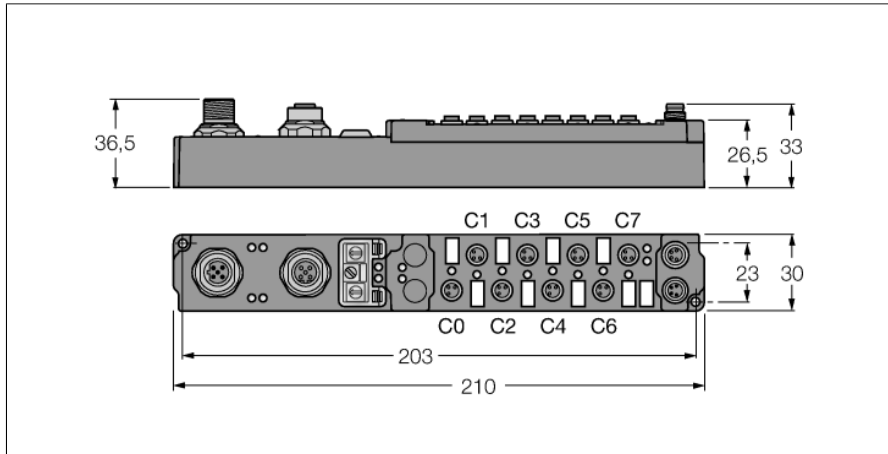


# piconet stand-alone module for PROFIBUS-DP

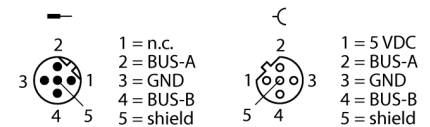
## 8 Digital PNP Inputs Filter 0.2 ms

### SDPB-0800D-1008

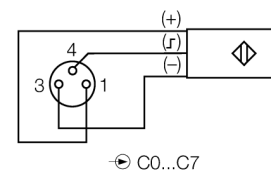


- Configuration interface
- Parameterizable functions
- Supported via I/O-ASSISTANT 2
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

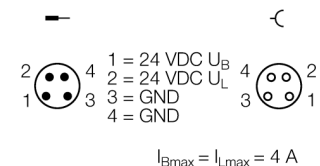
#### M12 × 1 Fieldbus



#### M8 × 1 Input



#### M8 × 1 Power Supply



|                               |                                     |
|-------------------------------|-------------------------------------|
| Type                          | SDPB-0800D-1008                     |
| ID                            | 6824407                             |
| Number of channels            | 8                                   |
| Operating / load voltage      | 20...29 VDC                         |
| Operating current             | ≤ 85 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     |
| Number of channels            | 8 digital inputs acc. to EN 61131-2 |
| Input voltage                 | 20...29 VDC via operating voltage   |
| Low-level signal voltage      | -3...5 VDC (EN 61131-2, type 2)     |
| High level signal voltage     | 11...30 VDC (EN 61131-2, type 2)    |
| Input delay                   | 0.2 ms                              |
| Max. input current            | 6 mA                                |
| Dimensions (W x L x H)        | 30 x 210 x 26.5 mm                  |
| Vibration test                | Acc. to EN 60068-2-6                |
| Shock test                    | acc. to DIN EN 60068-2-27           |
| Electromagnetic compatibility | Acc. to EN 61000-6-2/EN 61000-6-4   |
| Protection class              | IP67                                |
| Approvals                     | CE, cULus                           |

Data in process image

|       |              | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Input | Byte 0 (M8)  | C7P4  | C6P4  | C5P4  | C4P4  | C3P4  | C2P4  | C1P4  | C0P4  |
|       | Byte 0 (M12) | C3P2  | C3P4  | C2P2  | C2P4  | C1P2  | C1P4  | C0P2  | C0P4  |

C... = Connector No., P... = Pin No.