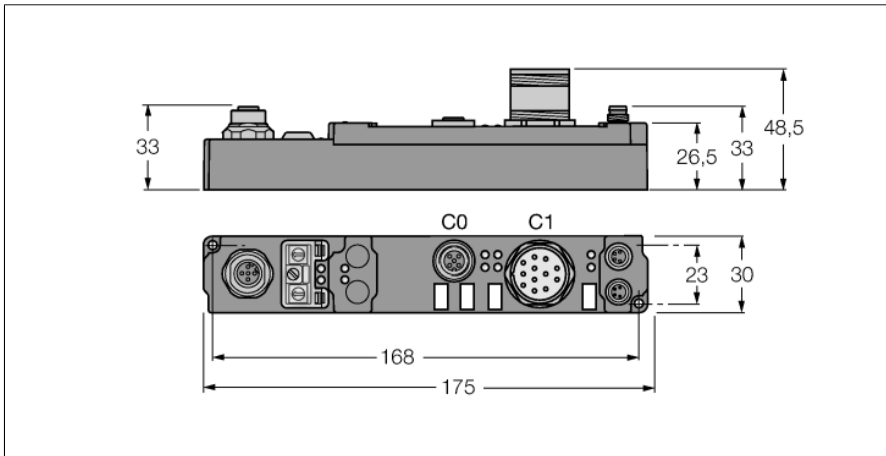
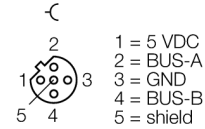


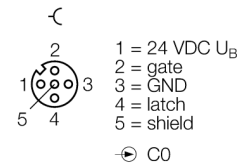
**piconet® Stand-alone Module for PROFIBUS-DP**  
**1-channel Incremental Encoder Interface**  
**SDPB-10S-0001**



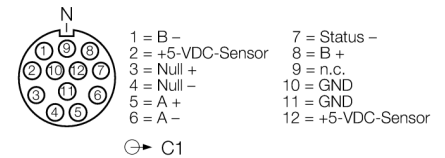
**M12 × 1 Fieldbus**



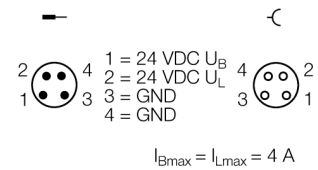
**M12 × 1 Gate/Latch Input**



**Encoder - M23 × 1**



**M8 × 1 Power Supply**



<b>Type designation</b>	SDPB-10S-0001
Ident-No.	6824074
<b>Number of channels</b>	1
Operating / load voltage	20...29 VDC
Operating current	≤ 140 mA
<b>Fieldbus transmission rate</b>	9.6 kbps ... 12 Mbps
Fieldbus addressing	0 to 99
Service interface	parameterisation via I/O-ASSISTANT
Electrical isolation	Fieldbus to operational voltage
<b>Maximum limiting frequency analog</b>	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
<b>Dimensions (W x L x H)</b>	30 x 175 x 26.5mm
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
Electromagnetic compatibility	according to EN 61000-6-2/EN 61000-6-4
Protection class	IP67
Approvals	CE, cULus

**piconet® Stand-alone Module for PROFIBUS-DP**  
**1-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
<b>Complex mapping:</b> Data are mapped with control and status byte	0	D1	SB	Reg1	CB
	1	D2	D0	reserved	Reg0
	2	D3	D4	reserved	reserved