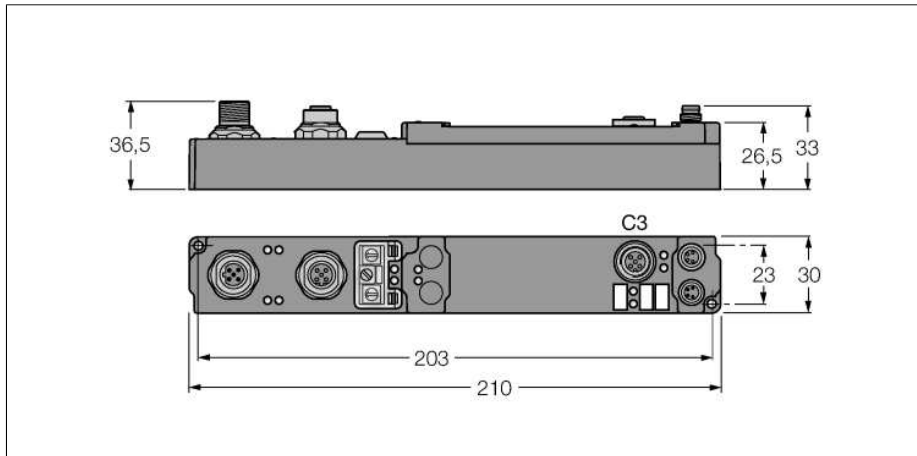


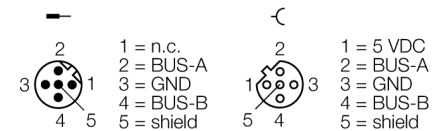
**piconet® stand-alone module for PROFIBUS-DP**  
**single channel serial interface RS232**  
**SDPB-10S-1002**

- Serial interface RS232
- 1-channel
- Configuration interface
- Parametrizable functions
- Supported via I/O-ASSISTANT 2
- single channel serial interface RS232
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

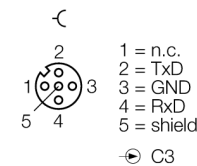


<b>Type code</b>	SDPB-10S-1002
Ident no.	6824446
<b>Operating / load voltage</b>	20...29 VDC
Operating current	≤ 40 mA
<b>Fieldbus transmission rate</b>	9.6 kbps ... 12 Mbps
Fieldbus addressing	0 to 99
Service interface	parameterisation via I/O-ASSISTANT
Electrical isolation	Fieldbus to operational voltage
<b>Bit distortion</b>	≤ 3 %
Transmission rate	1.2 to 19.2 kBit/s (default 9.6 kbps)
RS232 Cable length	≤ 15 m
Low level signal voltage	-18 to -3 VDC
High level signal voltage	3 to 18 VDC
Data buffer	128 byte receive buffer, 16 byte send buffer
<b>Dimensions (W x L x H)</b>	30x210x26.5mm
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

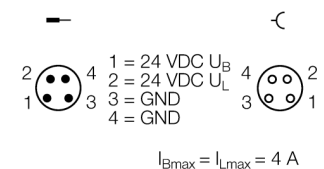
**Fieldbus M12 x 1**



**input M12 x 1**



**Voltage supply M8 x 1**



**piconet® stand-alone module for PROFIBUS-DP**  
**single channel serial interface RS232**  
**SDPB-10S-1002**

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	<b>0</b>	D0	SB	D0	CB
	<b>1</b>	D2	D1	D2	D1
	<b>2</b>	D4	D3	D4	D3