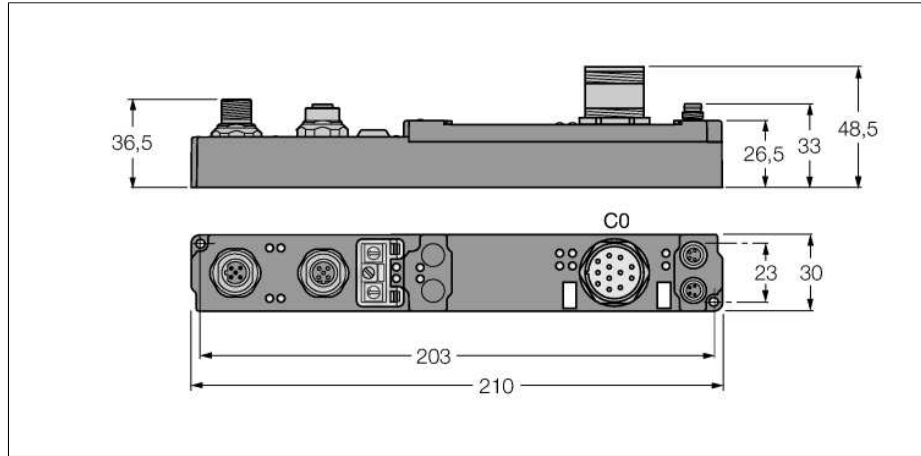


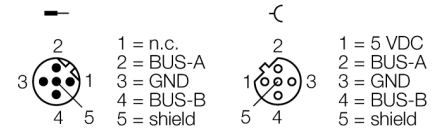
**piconet® stand-alone module for PROFIBUS-DP
single channel SSI sensor interface
SDPB-10S-1005**



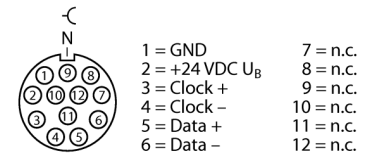
- SSI encoder interface
- 1-channel
- Configuration interface
- Parametrizable functions
- Supported via I/O-ASSISTANT 2
- single channel SSI sensor interface
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector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

Type code	SDPB-10S-1005
Ident no.	6824444
Operating / load voltage	20...29 VDC
Operating current	≤ 55 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
Bit transfer	differential (RS485)
Transmission rate	variable up to 1 MHz (default 250 Hz)
Serial input	24 bit
Data direction	read
Sensor supply	24 VDC from load voltage
Electrical isolation	operating voltage to RS232
Dimensions (W x L x H)	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

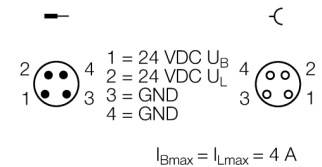
Fieldbus M12 x 1



Encoder - M23 x 1



Voltage supply M8 x 1



piconet® stand-alone module for PROFIBUS-DP
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Data in process image

Pre-conditions	Address	Input data		Output data	
Compact mapping: Starting with D3 in "Low-Byte" word 0 all other bytes follow immediately (highlighted in grey). Complex mapping: Data are mapped with control and status byte	Word	High-Byte	Low-Byte	High-Byte	Low-Byte
	0	D3	SB	Reg1	CB
	1	D1	D2	reserved	Reg0
	2	reserved	D0	reserved	reserved