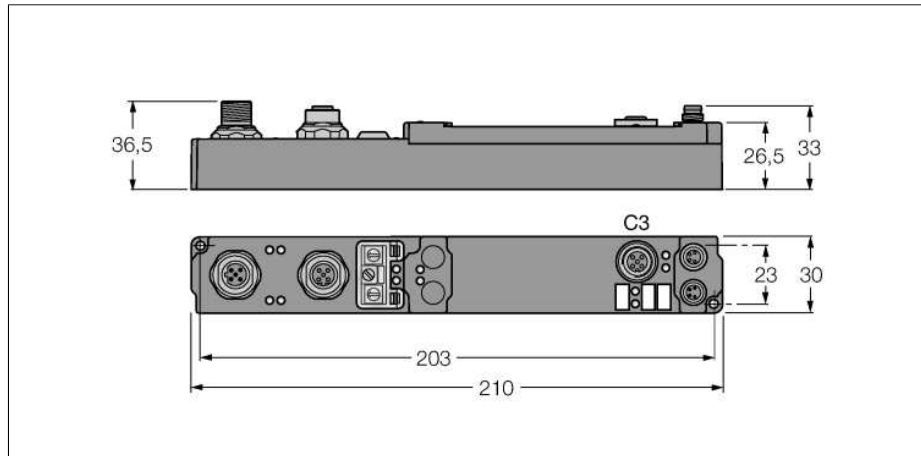


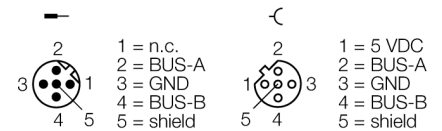
piconet® stand-alone module for PROFIBUS-DP
single channel serial interface RS232/RS485
SDPB-10S-1004



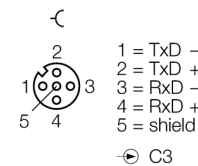
- Serial interface RS422/485
- 1-channel
- Configuration interface
- Parametrizable functions
- Supported via I/O-ASSISTANT 2
- single channel serial interface RS422 / RS485
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

Type code	SDPB-10S-1004
Ident no.	6824448
Operating / load voltage	20...29 VDC
Operating current	≤ 40 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
Line impedance	120 Ω
Common mode voltage	max. -7...+12 V (against ground)
Bit transfer	differential
Transmission rate	1.2 to 19.2 kBit/s (default 9.6 kbps)
Transfer circuit	twisted pair ≤ 1000 m
Data buffer	128 byte receive buffer, 16 byte send buffer
Electrical isolation	operating voltage to RS485
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

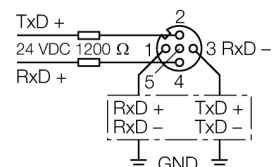
Fieldbus M12 x 1



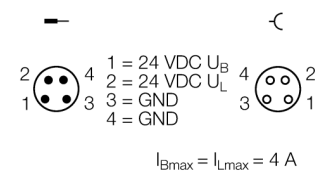
input M12 x 1



Connection - RS485 devices



Voltage supply M8 x 1



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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	D0	SB	D0	CB
	1	D2	D1	D2	D1
	2	D4	D3	D4	D3