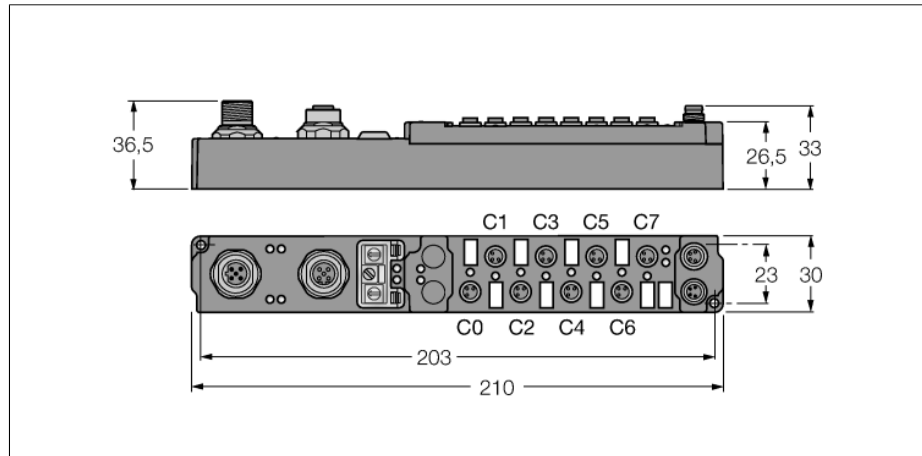


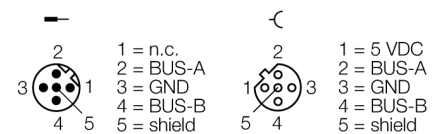
**piconet® stand-alone module for PROFIBUS-DP**  
**4 digital pnp inputs filter 3 ms**  
**4 digital outputs 0.5 A**  
**SDPB-0404D-1003**

- Configuration interface
- Parametrizable 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

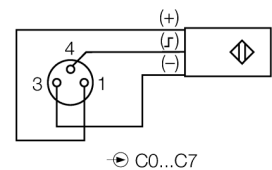


<b>Type code</b>	SDPB-0404D-1003
Ident no.	6824423
<b>Operating / load voltage</b>	20...29 VDC
Operating current	≤ 90 mA
<b>Fieldbus transmission rate</b>	9.6 kbps ... 12 Mbps
Fieldbus addressing	0 to 99
Service interface	parameterisation via I/O-ASSISTANT
Electrical isolation	Fieldbus to operational voltage
<b>Number of channels</b>	4 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	3 ms
Max. input current	6 mA
<b>Number of channels</b>	4 digital outputs acc. to EN 61131-2
Output voltage	20...29 VDC from load voltage
Output current per channel	0.5 A, short-circuit proof
Load type	resistive, inductive, lamp load
Switching frequency	≤ 500 Hz
Simultaneity factor	1
<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

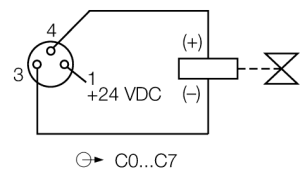
**Fieldbus M12 x 1**



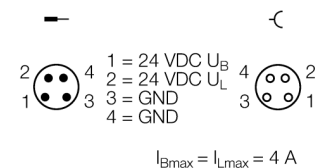
**input M8 x 1**



**Output M8 x 1**



**Voltage supply M8 x 1**



**piconet® stand-alone module for PROFIBUS-DP**  
**4 digital pnp inputs filter 3 ms**  
**4 digital outputs 0.5 A**  
**SDPB-0404D-1003**

Data in process image

			Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
The 4 most significant bits are not used, but require memory allocation.	Input	Byte n (M8)	idle	idle	idle	idle	C3P4	C2P4	C1P4	C0P4
		Byte n (M12)	idle	idle	idle	idle	C1P2	C1P4	C0P2	C0P4
	Output	Byte n (M8)	idle	idle	idle	idle	C7P4	C6P4	C5P4	C4P4
		Byte n (M12)	idle	idle	idle	idle	C3P2	C3P4	C2P2	C2P4

C... = Connector no., P... = Pin no.