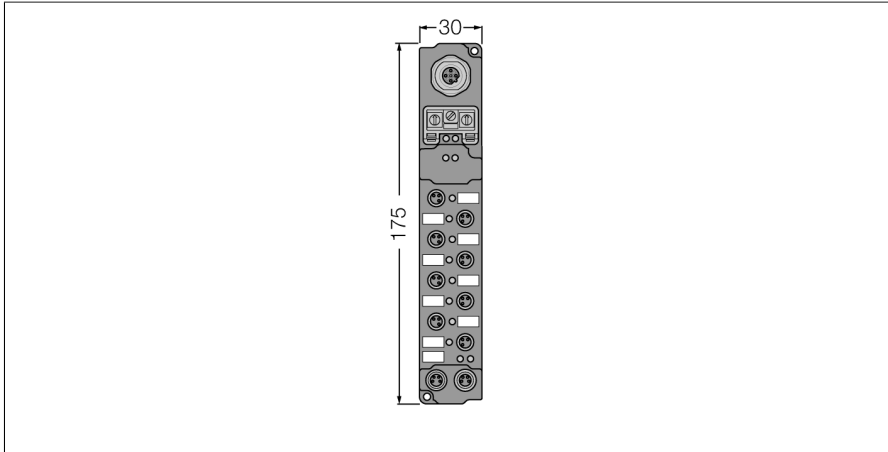


piconet stand-alone module for PROFIBUS-DP  
 8 Digital PNP Inputs Filter 3 ms  
 8 Digital Outputs 0.5 A  
 SDPB-0808D-0001S



Type	SDPB-0808D-0001S
ID	6824166
Operating / load voltage	20...29 VDC
Operating current	≤ 90 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
Number of channels	8 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
Number of channels	8 digital outputs acc. to EN 61131-2
Output voltage	20...29 VDC from load voltage
Output current per channel	0.5
Load type	resistive, inductive, lamp load
Switching frequency	≤ 500 Hz
Simultaneity factor	1
Vibration test	Acc. to EN 60068-2-6
Shock test	acc. to DIN EN 60068-2-27
Electromagnetic compatibility	Acc. to EN 61000-6-2/EN 61000-6-4
Protection class	IP67
Approvals	CE, cULus

## 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.	<b>Input</b>	Byte n (M8)	idle	idle	idle	idle	C3P4	C2P4	C1P4	C0P4
		Byte n (M12)	idle	idle	idle	idle	C1P2	C1P4	C0P2	C0P4
	<b>Output</b>	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.