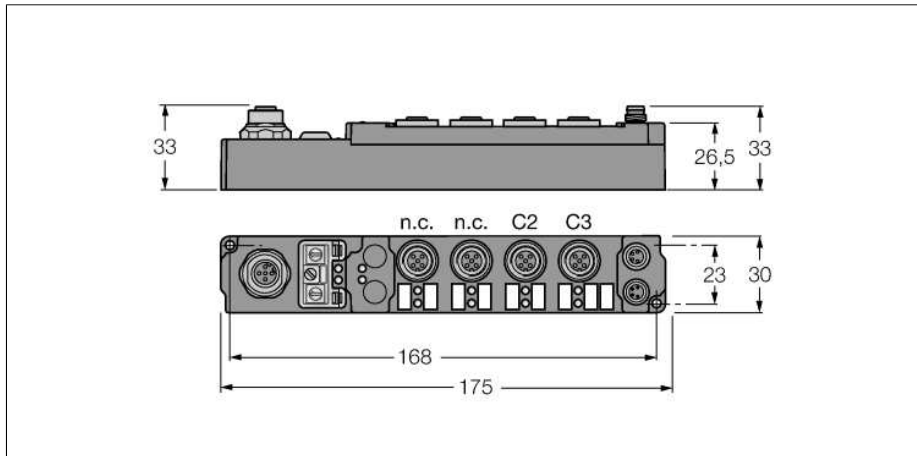


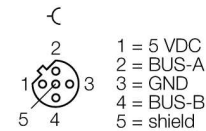
piconet® stand-alone module for PROFIBUS-DP
2-channel pulse width modulation (PWM)
SDPB-0002D-0002

- Pulse width modulation
- 2-channel
- 2.5 A per channel
- 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

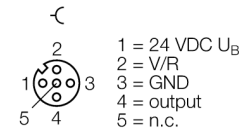


Type code	SDPB-0002D-0002
Ident no.	6824060
Operating / load voltage	20...29 VDC
Operating current	≤ 85 mA
Fieldbus transmission rate	9.6 kbps ... 12 Mbps
Fieldbus addressing	0 to 99
Service interface	parameterisation via I/O-ASSISTANT
Electrical isolation	Fieldbus to operational voltage
V/R output	0.5 A short-circuit proof
Output current per channel	2.5
Load type	resistive, inductive
Base frequency	1 Hz...10 kHz (default 250 Hz)
Duty factor	0...100 % (t ON > 750 ns, t OFF > 500 ns)
Resolution	10 Bit
Freewheeling diode	on the outputs
Dimensions (W x L x H)	30x175x26.5mm
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

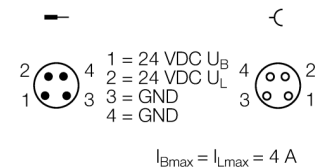
Fieldbus M12 x 1



output M12 x 1



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	Ch0 Reg1	SB0	Ch0 D1	CB0
	1	SB1	Ch0 Reg0	CB1	Ch0 D0
	2	Ch1 Reg0	Ch1 Reg1	Ch1 D0	Ch1 D1