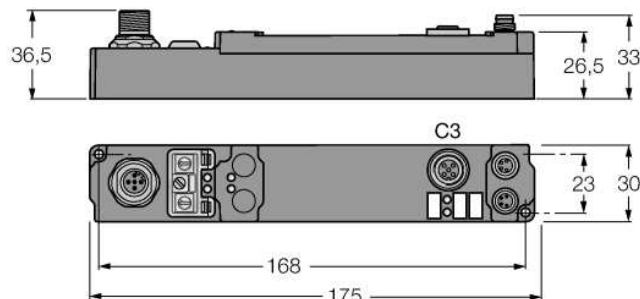
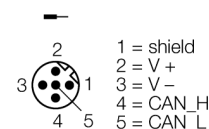


piconet® stand-alone module for DeviceNet™
single channel serial interface RS232
SDNB-10S-0002

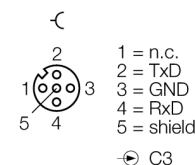


- Serial interface RS232
- 1-channel
- Configuration interface
- Parametrizable functions
- Supported via I/O-ASSISTANT 2
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

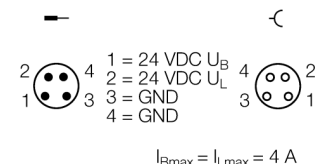
Fieldbus M12 x 1



input M12 x 1



Voltage supply M8 x 1



Type code	SDNB-10S-0002
Ident no.	6824095
Operating / load voltage	20...29 VDC
Operating current	≤ 40 mA
Fieldbus transmission rate	125...500 kbps
Fieldbus addressing	0 to 99
Service interface	parameterisation via I/O-ASSISTANT
Electrical isolation	Fieldbus to operational voltage
Bit distortion	≤ 3 %
Transmission rate	1.2 to 19.2 kBit/s (default 9.6 kbps)
RS232 Cable length	≤ 15 m
Low level signal voltage	-18 to -3 VDC
High level signal voltage	3 to 18 VDC
Data buffer	128 byte receive buffer, 16 byte send buffer
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

piconet® stand-alone module for DeviceNet™
single channel serial interface RS232
SDNB-10S-0002

TURCK

Industrial
Automation

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