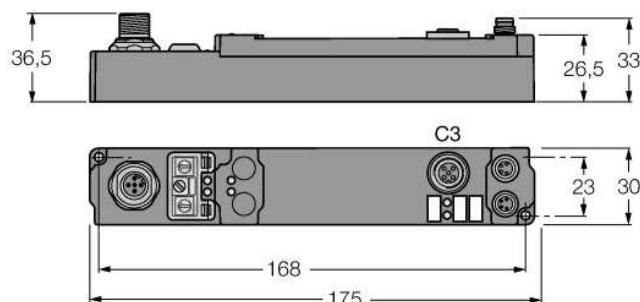
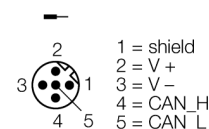


piconet® stand-alone module for DeviceNet™
single channel serial interface 0...20 mA (TTY)
SDNB-10S-0003

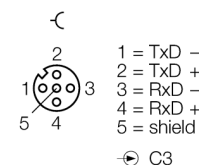


- Serial interface 0...20 mA (TTY)
- 1-channel
- Configuration interface
- Parametrizable functions
- Supported via I/O-ASSISTANT 2
- Direct connection to the fieldbus
- Fibre-glass reinforced housing
- Shock and vibration tested
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

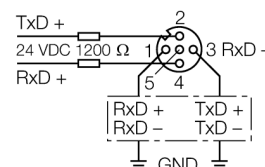
Fieldbus M12 x 1



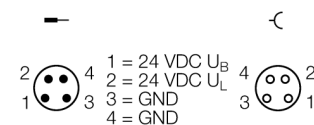
input M12 x 1



Connection - passive TTY devices



Voltage supply M8 x 1



$$I_{Bmax} = I_{Lmax} = 4 \text{ A}$$

Type code	SDNB-10S-0003
Ident no.	6824096
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
Low level signal current	0 to 3 mA
High level signal current	14 to 20 mA
Load resistance	≤ 500 Ω
Bit transfer	2 x 20 mA
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	operational voltage to TTY
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 0...20 mA (TTY)
SDNB-10S-0003

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