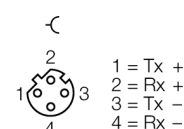


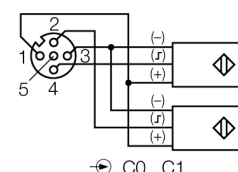
piconet® coupling module for Modbus TCP
4 digital pnp inputs filter 3 ms
4 digital outputs 0.5 A
SENL-0404D-0002

- configuration interface
- Configurable functions
- Supported via I/O-ASSISTANT 2
- Direct connection to the fieldbus
- Direct connection to the IP link
- Fibre-glass reinforced housing
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

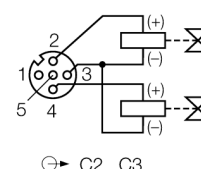
Ethernet M12 × 1



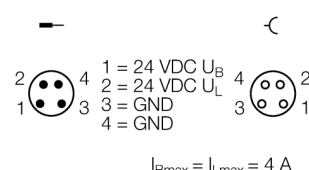
Wejście M12 × 1



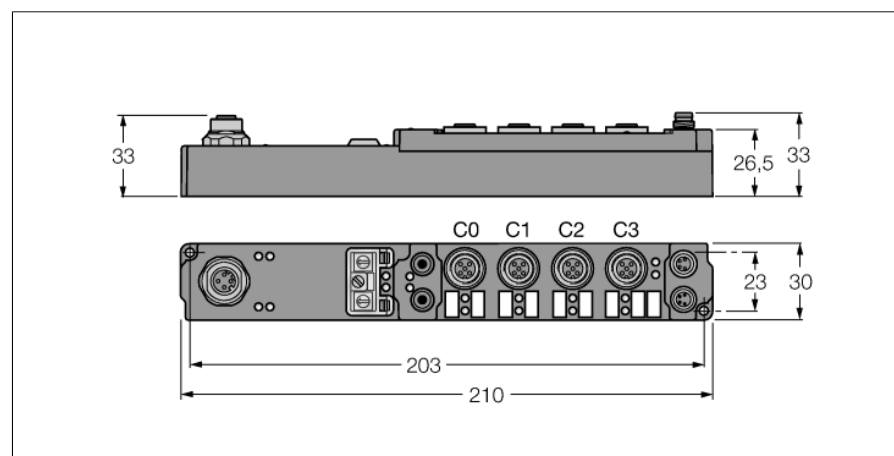
Wyjście M12 × 1



Zasilanie M8 × 1



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



Typ	SENL-0404D-0002
Nr kat.	6824481
Liczba kanałów	8
Napięcie pracy / obciążenia	20...29 VDC
Prąd pracy	≤ 100 mA
Prędkość transmisji ethernetowej	10 Mbps / 100 Mbps
Tryb adresowania Ethernet:	via coded rotary switches
Interfejs serwisowy	parameterisation via I/O-ASSISTANT
Izolacja elektryczna	Ethernet for operating voltage
Fibre-optic length	≤ 15 m
Liczba kanałów	4 digital inputs acc. to EN 61131-2
Napięcie wejściowe	20...29 VDC via operating voltage
Sygnał napięciowy niskiego poziomu	-3...5 VDC (EN 61131-2, type 2)
Sygnał napięciowy wysokiego poziomu	11...30 VDC (EN 61131-2, type 2)
Opóźnienie wejścia	3 ms
Maks. prąd wejścia	6 mA
Liczba kanałów	4 digital outputs acc. to EN 61131-2
Napięcie wyjścia	20...29 VDC from load voltage
Prąd wyjściowy na kanał	0.5 A, short-circuit proof
Typ obciążenia	resistive, inductive, lamp load
Częstotliwość przełączania	≤ 500 Hz
Współczynnik równoczesności	1
Dimensions (W x L x H)	30 x 210 x 26.5mm
Temperatura pracy	0...+55 °C
Temperatura składowania	-25 to 85 °C
Test wibracyjny	as per EN 60068-2-6
Test przeciążeniowy/wstrząsowy	acc. to DIN EN 60068-2-27
Kompatybilność elektromagnetyczna	according to EN 61000-6-2/EN 61000-6-4
Klasa ochrony	IP67
Certyfikaty	CE, cULus

piconet® coupling module for Modbus TCP
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LEDs

	LINK _{green}	ACT _{green}	EIP R _{green}	EIP E _{red}	Function
Ethernet	ON				physical connection present
	OFF				no physical connection present
		flashing			bus traffic present
		OFF			no bus traffic present
EtherNet/IP			ON 0,5 s	OFF	IP address ok
			OFF	OFF	no IP address
			ON	OFF	online
			ON 0,1 s	OFF	offline PLC stop
			OFF	ON 0,5 s	time out
			OFF	ON	IP address conflict

	LED designation	Status _{green}	Status _{red}	Function
IP-Link / module status	RUN / ERR (I/O)	flickers/ON	OFF	Receiving error-free IP-Link protocols
		flickers	flickers	Receiving faulty IP-Link protocols
		OFF	flickers	Receiving faulty IP-Link protocols / system fault
		OFF	ON	No receipt of IP-Link protocols / module error
Inputs	0...3	OFF		Input inactive (not dampened)
		ON		Input active (dampened)
Outputs	4...7	OFF		Output inactive (not switched)
		ON		Output active (switched)
Power supply	U _B	OFF		Operating voltage U _B < 18 VDC
		ON		Operating voltage U _B ≥ 18 VDC
	U _L	OFF		Load voltage U _L < 18 VDC
		ON		Load voltage U _L ≥ 18 VDC

Dane z odwzorowania procesu

			Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Each 4 bit input and 4 bit output data are mapped.	Input	Byte n (M8)	Is used by the physically following bit-oriented extension module connected via the IP Link.				C3P4	C2P4	C1P4	C0P4
		Byte n (M12)					C1P2	C1P4	C0P2	C0P4
	Output	Byte n (M8)					C7P4	C6P4	C5P4	C4P4
		Byte n (M12)					C3P2	C3P4	C2P2	C2P4

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