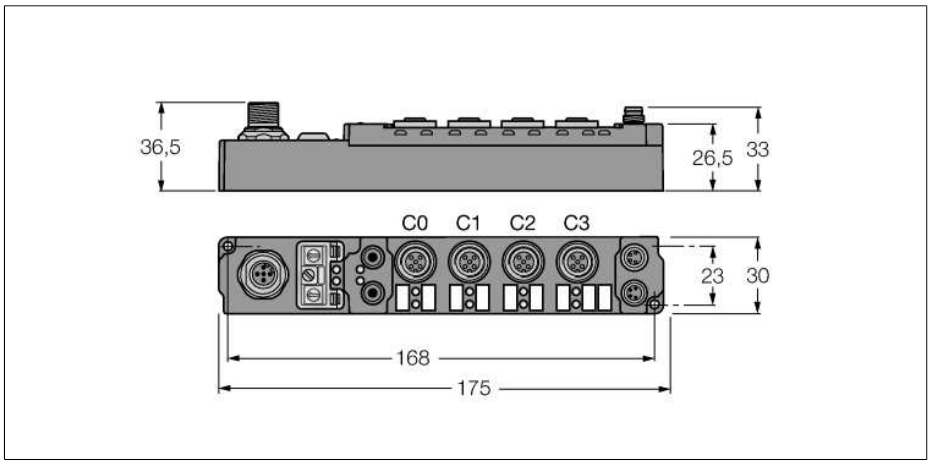
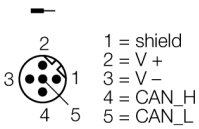
piconet® coupling module for CANopen
4 digital pnp inputs filter 3 ms
4 digital outputs 0.5 A
SCOL-0404D-0004



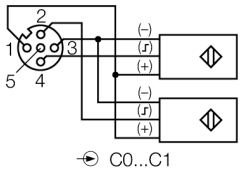
- **configuration interface**
- **Configurable functions**
- **Supported via I/O-ASSISTANT 2**
- **Direct connection to the fieldbus**
- **Direct connection to the IP link**
- **Fibre-glass reinforced housing**
- **Encapsulated module electronics**
- **Metal connector**
- **Degree of protection IP67**

Type code	SCOL-0404D-0004
Ident no.	6824219
Operating / load voltage	20…29 VDC
Operating current	≤ 60 mA
Fieldbus transmission rate	10 kbps … 1 Mbps
Fieldbus addressing	0 to 99
Service interface	parameterisation via I/O-ASSISTANT
Electrical isolation	Fieldbus to operational voltage
Fibre-optic length	≤ 15 m
Number of channels	4 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	4 digital outputs acc. to EN 61131-2
Output voltage	20…29 VDC from load voltage
Output current per channel	0.5 A, short-circuit proof
Load type	resistive, inductive, lamp load
Switching frequency	≤ 500 Hz
Simultaneity factor	1
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

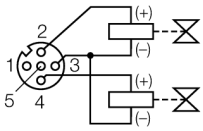
Fieldbus M12 x 1



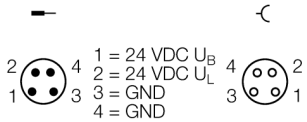
input M12 x 1



Output M12 x 1



Voltage supply M8 x 1



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

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Data in process image

			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.

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