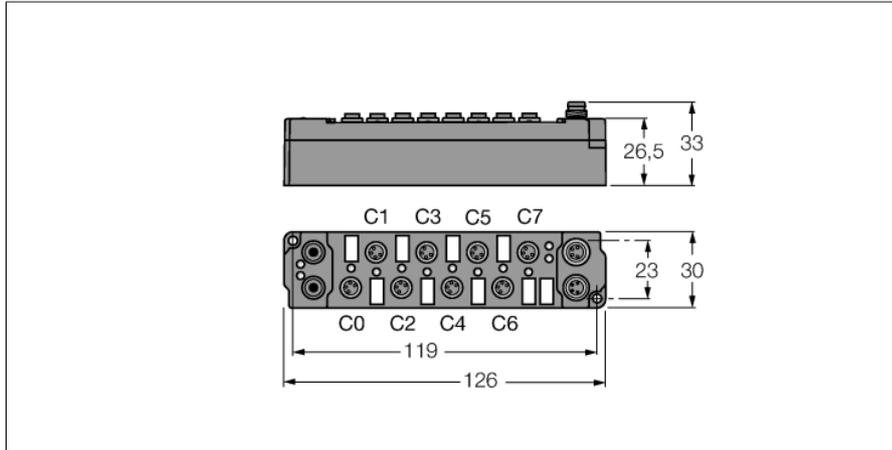# piconet Extension Module for IP-Link
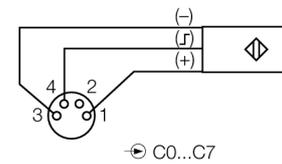# 8 Digital PNP Inputs Filter 3 ms
8 Digital Outputs 0.5 A
SNNE-0808D-0001

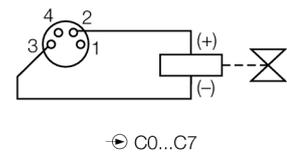- Direct connection to the IP link
- Fibre-glass reinforced housing
- Encapsulated module electronics
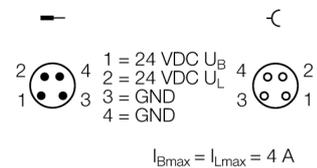- Metal connector
- Degree of protection IP67

M8 × 1 Input

M8 × 1 Output

M8 × 1 Power Supply

1 = 24 VDC U_B
2 = 24 VDC U_L
3 = GND
4 = GND

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

Type	SNNE-0808D-0001
ID	6824208
Number of channels	16
Operating / load voltage	20…29 VDC
Operating current	$\leq$ 25 mA
Fibre-optic length	$\leq$ 15 m
Number of channels	8 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	8 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	$\leq$ 500 Hz
Simultaneity factor	1
Dimensions (W x L x H)	30 x 126 x 26.5 mm
Vibration test	Acc. to EN 60068-2-6
Shock test	acc. to DIN EN 60068-2-27
Electromagnetic compatibility	Acc. to EN 61000-6-2/EN 61000-6-4
Protection class	IP67
Approvals	CE, cULus

LEDs

	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 $U_B \geq 18$ VDC
	U_L	OFF		Load voltage $U_L < 18$ VDC
		ON		Load voltage $U_L \geq 18$ VDC