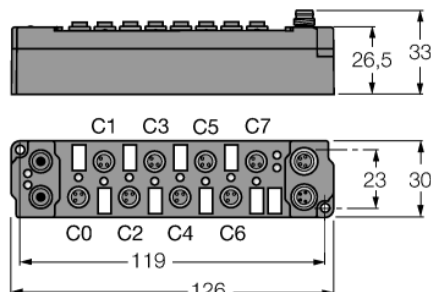
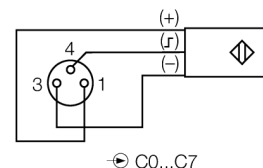


piconet® extension module for IP-Link
4 digital pnp inputs filter 0.2 ms
4 digital outputs 2 A
SNNE-0404D-0005



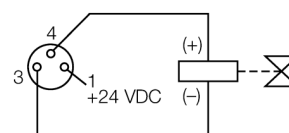
- Direct connection to the IP link
- Fibre-glass reinforced housing
- Encapsulated module electronics
- Metal connector
- Degree of protection IP67

input M8 x 1



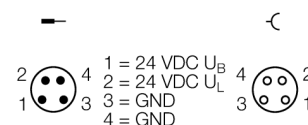
→ C0...C7

Output M8 x 1



→ C0...C7

Voltage supply M8 x 1



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

Type code	SNNE-0404D-0005
Ident no.	6824194
Operating / load voltage	20...29 VDC
Operating current	≤ 25 mA
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	0.2 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	2 A (Σ 4 A), short-circuit proof
Load type	resistive, inductive, lamp load
Switching frequency	≤ 500 Hz
Simultaneity factor	0.5
Dimensions (W x L x H)	30x126x26.5mm
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® extension module for IP-Link
4 digital pnp inputs filter 0.2 ms
4 digital outputs 2 A
SNNE-0404D-0005

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 ≥ 18 VDC
	U _L	OFF		Load voltage U _L < 18 VDC
		ON		Load voltage U _L ≥ 18 VDC

Data in process image

			Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Coupling module parameter Byte alignment is "disabled" (default) and the previous byte has been completely used, 4 bit input data and output data each are mapped.	Input	Byte 0	Is used by the physically following bit-oriented extension module connected via the IP-Link.				C1P2	C1P4	C0P2	C0P4
	Output	Byte 0					C3P2	C3P4	C2P2	C2P4
Coupling module parameter Byte alignment is "disabled" and the previous byte has been used halfway, 4 bit input data and output data each are mapped.	Input	Byte 0	C1P2	C1P4	C0P2	C0P4	Is used by the physically preceding bit-oriented extension module connected via the IP-Link.			
	Output	Byte 0	C3P2	C3P4	C2P2	C2P4				
Coupling module parameter Byte alignment is activated, 1 byte input data and output data each are mapped.	Input	Byte 0	idle	idle	idle	idle	C1P2	C1P4	C0P2	C0P4
	Output	Byte 0	C3P2	C3P4	C2P2	C2P4	idle	idle	idle	idle

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