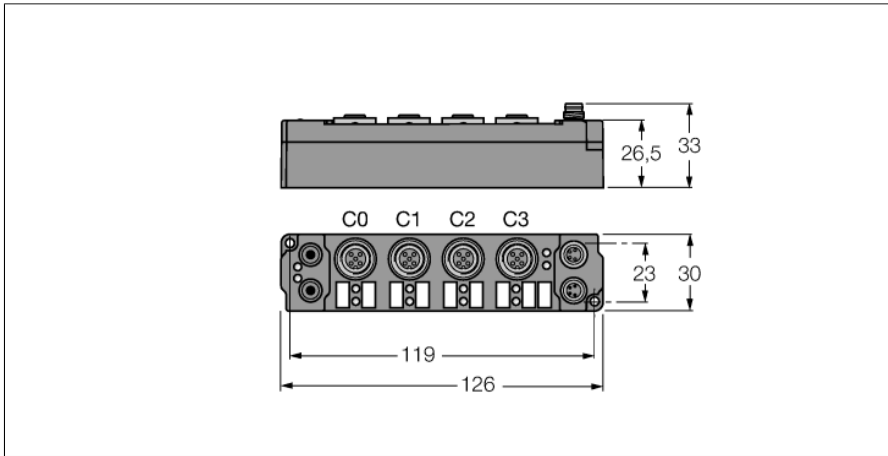


# piconet Uitbreidingsmodule voor IP-Link

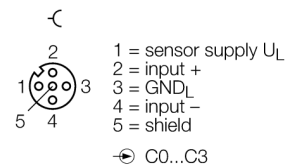
## 4 analoge ingangen $\pm 10\text{ V}$

### SNNE-40A-0005

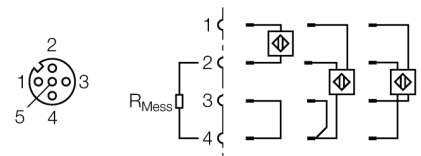


- 4 analoge ingangen  $\pm 10\text{ V}$
- directe IP-Link aansluiting
- glasvezelversterkte behuizing
- vergoten module-elektronica
- metalen connector
- beschermingsgraad IP67

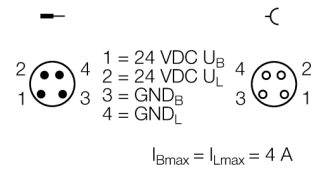
#### ingang M12 x 1



#### aansluitvariante - ingangen



#### spanningsvoeding M8 x 1



Type	SNNE-40A-0005
Identnr.	6824216
Aantal kanalen	4
Bedrijfs-/lastspanning	20...29 VDC
Bedrijfsstroom	$\leq 55\text{ mA}$
Lengte lichtgeleider	$\leq 15\text{ m}$
Kanalen aantal	4 analoge ingangen $\pm 10\text{ V}$
Ingangsweerstand	$> 100\text{ k}\Omega$
Potentiaalscheiding	kanalen voor bedrijfsspanning
Synchronisatiespanning	max. 35 V
Meetsroom	0,5 mA
Conversietijd	250 ms
Relatieve meetfout	$< \pm 0,3\%$ van de eindwaarde
Ingangsfiler	variabel
Sensorvoeding	uit lastspanning
Afmetingen (B x L x D)	30 x 126 x 26.5 mm
Vibratietest	Volgens EN 60068-2-6
Schoktest	volgens EN 60068-2-27
Elektromagnetische compatibiliteit	Volgens EN 61000-6-2/EN 61000-6-4
Beschermingsgraad	IP67
Certificaten	CE, cULus

## LED's

	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	R / E (1...4)	OFF		No data transmission
		ON		Data transmission to D/A converter
			OFF	Error-free data transmission
			ON	Wire break, measured value out of measuring range, etc.
Power supply	U <sub>B</sub>	OFF		Operating voltage U <sub>B</sub> < 18 VDC
		ON		Operating voltage U <sub>B</sub> ≥ 18 VDC
	U <sub>L</sub>	OFF		Load voltage U <sub>L</sub> < 18 VDC
		ON		Load voltage U <sub>L</sub> ≥ 18 VDC

## data in de procesafbeelding

Valid for the setting "Motorola format"

SBn: Status byte channel n  
 CBn: Control byte channel n  
 Chn D0: channel n,  
 least significant data byte  
 Chn D1: channel n,  
 most significant data byte

Pre-conditions	Address	Input data		Output data	
	Word	High-Byte	Low-Byte	High-Byte	Low-Byte
<b>Compact mapping:</b> Starting with Ch0 D1 in "Low-Byte" word 0 all other bytes follow immediately. Only the user data are mapped (greyed in the table).  <b>Complex mapping:</b> Data are mapped with control and status byte.	0	Ch0 D1	SB0	Ch0 D1	CB0
	1	SB1	Ch0 D0	CB1	Ch0 D0
	2	Ch1 D0	Ch1 D1	Ch1 D0	Ch1 D1
	3	Ch2 D1	SB2	Ch2 D1	CB2
	4	SB3	Ch2 D0	CB3	Ch2 D0
	5	Ch3 D0	Ch3 D1	Ch3 D0	Ch3 D1