

# PASI-

## TRYCKGIVARE MED DIN-KONTAKT Robust givare för låga tryckområden

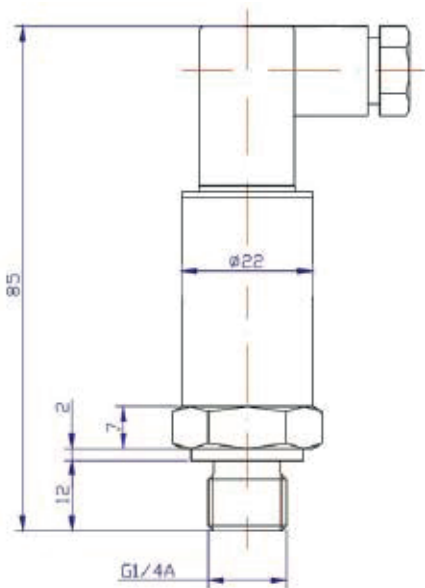
- Analog signal 4-20mA eller 0-10V
- Alla mediaberörda delar i rostfritt stål
- Matningsspänning 10-32VDC
- Drifttemperatur/medium: -20...+105°C
- Skyddsklass IP65

## PRESSURE TRANSMITTER WITH DIN CONNECTOR Robust sensor for low pressure range

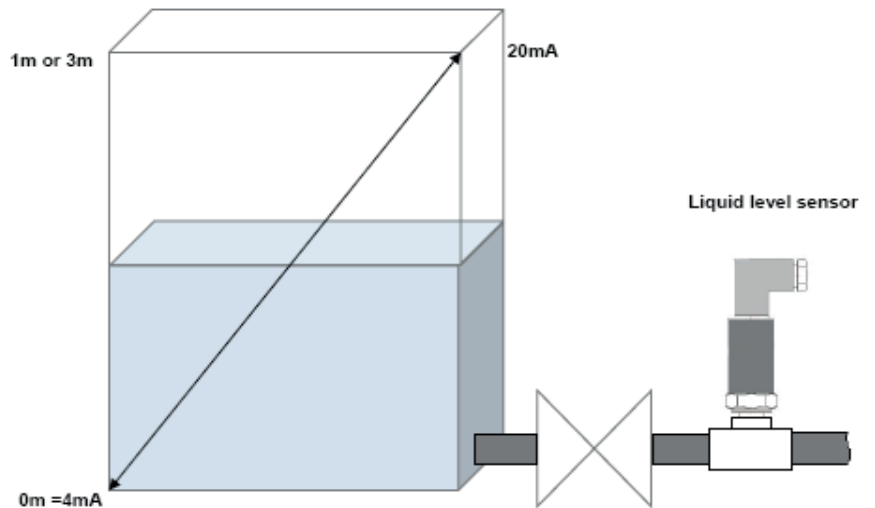
- Analog output 4-20mA or 0-10V
- All wetted components in stainless steel
- Supply voltage 10-32VDC
- Operating temperature: -20...+105°C
- Protection class IP65



### DRAWING

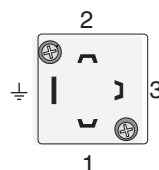


### APPLICATION EXAMPLE



### WIRING

I: 4...20mA	Terminal	U: 0...10V	Terminal
Supply +	1	Supply +	1
Output -	2	Supply -	2
		Output	3



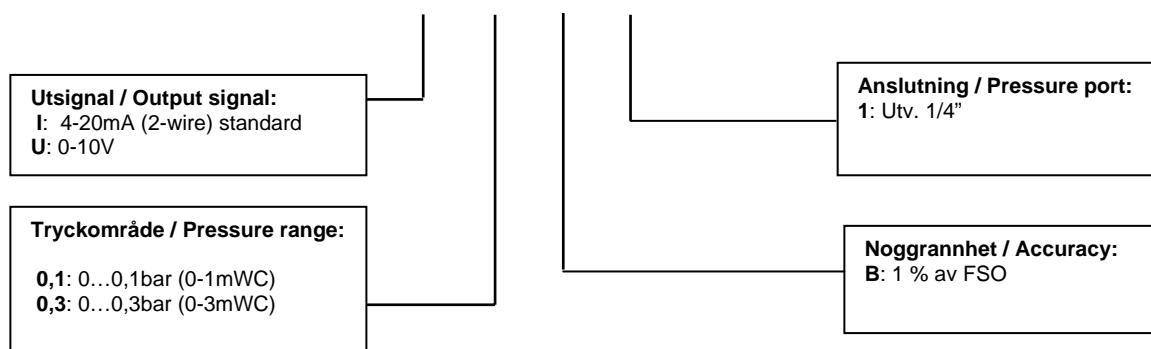
<u>Parameter</u>	<u>Min</u>	<u>Typ</u>	<u>Max</u>	<u>Unit</u>	<u>Remark</u>
Pressure type		gauge			1
Span		16		mA	2
Output at FS		20		mA	2
Zero output		4		mA	2
Total error (RT)		0,5	1,0	%FS	3
Total error (-15 °C to 85 °C)			2,0	%FS	4
Response time			1,5	ms	5
Recommended load resistor			(V <sub>S</sub> -10 V)/20 mA	kΩ	
Supply voltage (V <sub>S</sub> )	10		32	V	6
Isolation resistance	100			MΩ	7
Over pressure			2 times		
Burst pressure	3 times				
Operating temperature	-20		105	°C	
Storage temperature	-40		125	°C	
Weight			ca. 60	g	
Mounting direction			no restriction		8

### Remarks:

- All parameter guaranteed for specified conditions.
- Output is calibrated at zero and full scale.
- Total accuracy includes non-linearity, hysteresis failures.
- Total accuracy 3., repeatability and temperature effects, (new parts, max. drift per year 0,2%FS).
- Measured from initial value to output at 90%.
- Reverse polarity protected.
- Measured between case and pins (V<sub>DC</sub> 50 V for one minute).
- Mounting force max. 25 Nm.

- Wetted components 17-4PH stainless steel (Sensing element is Silicon mounted in a hermetic stainless steel housing)
- Measuring volume less than 1mm<sup>3</sup>.
- IP65.
- Piezoresistive principle, calibrated using mixed signal ASIC, no potentiometer, no laser trimming.
- Pressure port – G¼ E , electrical connection – DIN EN 175301-803 Form C (PIN 1= U<sub>V</sub>; PIN 2= U<sub>AUS</sub>).

Beställningsnyckel / Order key: **PASI - I - \_\_\_ - B - 1 - HI1**



Andra modeller mot förfrågan / Other models on request