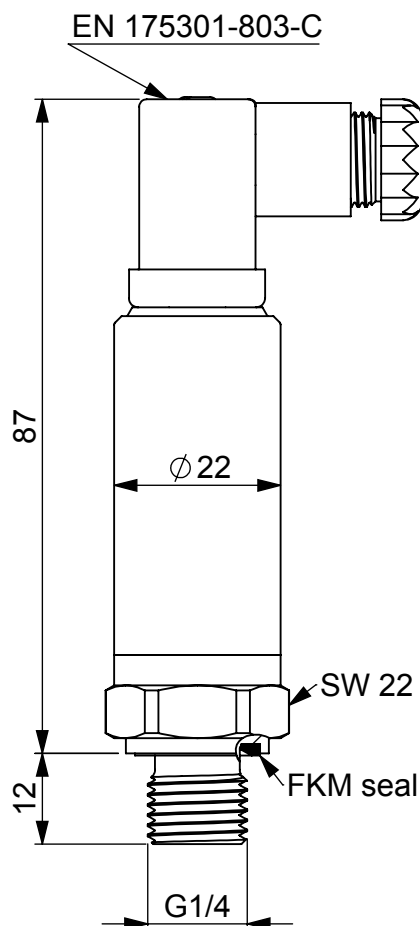
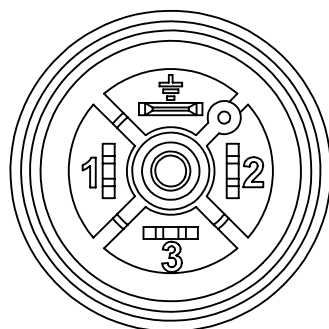


NIVAKT

PASI-I-0,3-B-1-HI1

94100001



Parameter	Min	Typ	Max	Unit	Remark
Pressure range	0		300	mbar	1
Pressure type		gauge			
Span		16		mA	2
Output at FS		20		mA	2
Zero output		4		mA	2
Total error at RT			0,5	%FS	3
Total error (from -10°C to +50°C)			1,5	%FS	4
Total error (from -40°C to +105°C)			2	%FS	4
Response time		1	2	ms	5
Supply voltage	10		32	VDC	6
Supply current		<22		mA	
Recommended load resistor			(V _S -10V)/20mA	kΩ	
Isolation resistance	100			MΩ	7
Over pressure			600	mbar	
Burst pressure	900			mbar	
Media temperature	-40		125	°C	
Operating temperature	-40		105	°C	
Storage temperature	-40		125	°C	
Weight			ca. 60	g	
Mounting direction			no restriction		8

Remarks:

1. All parameter guaranteed for specified conditions.
2. Output is calibrated at zero and full scale.
3. Total accuracy in BFSL includes non-linearity, hysteresis, offset and gain failures, using the recommended load resistor.
4. Total accuracy 3., repeatability and temperature effects, (new parts, max. drift per year 0,2%FS).
5. Measured from initial value to output at 90%.
6. Reverse polarity protected.
7. Measured between case and pins (VDC 50V for one minute).
8. Mounting force max. 25 Nm.

- Wetted components stainless steel, no O-ring.
- Dead volume in the measuring cell approx 100mm³. Control volume less than 1mm³.
- IP65.
- Piezoresistive principle, calibrated using mixed signal ASSP, no potentiometer, no laser trimming.
- Pressure port - G1/4"A Form E, DIN 1179-2
- Electrical Assignment: MVS/C, EN 175301-803-C
- Pin1 = +VDC, Pin2 = -VDC