

# PAPC4KP5V

*Miniature Pressure Sensor*

Ref : 101

Rev : C



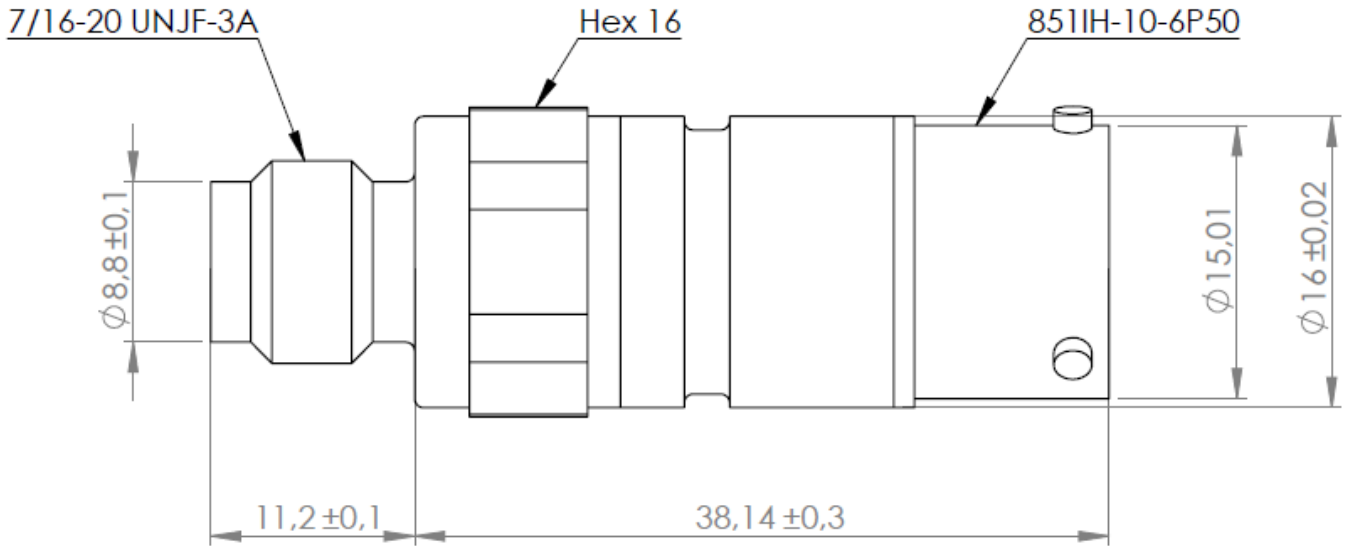
## DESCRIPTION

These miniature pressure sensors are designed to make statistic measurements of pressure as well as dynamic in corrosive condition. Realized entirely with stainless steel, these levelling membrane sensors are compatible with a great number of corrosive or conducting fluids. An integrated electronics makes it possible to deliver an analogical tension signal.

## TECHNICAL DATA

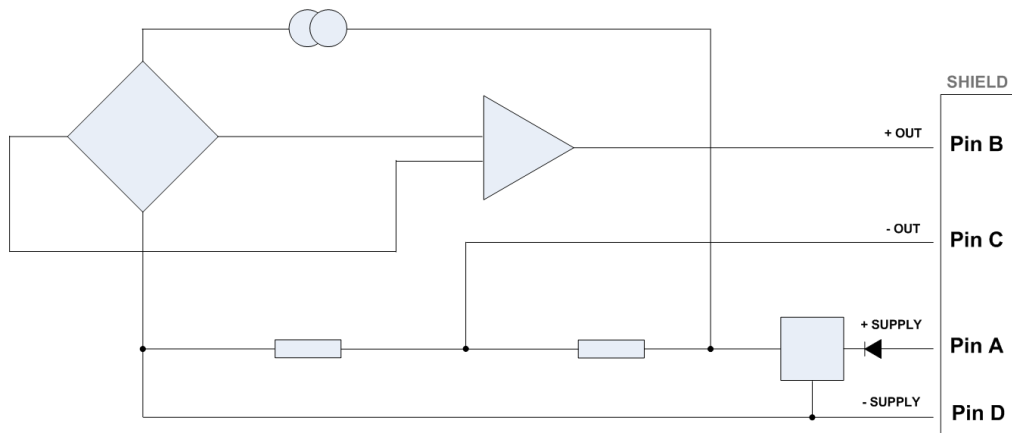
PARAMETERS	VALUES	NOTES
Measuring Range	0 – 4000 PSI	Relative, Absolute, Sealed
Proof pressure	6000 PSI	
Burst pressure	10000 PSI	
Linearity + Hysteresis	± 0.5% of Full Scale	
Repeatability	± 0.25% of Full Scale	
Operating temperature	-54°C to +135°C	
Storage temperature range	-54°C to +135°C	
Compensated temperature	-40° to +120°C	
Thermal Zero shift	< 0.01% of FS /°C	
Thermal Sensitivity Shift	< 0.01% FS /°C	
Output current	1 mA max	Short circuit protected
Supply	8-36 Vdc	
Input Current	< 10 mA	
Full scale reading	5.1Vdc ± 0.1Vdc	
Output at zero pressure	0.1Vdc ± 0.1Vdc	
Insulation	> 1000MΩ / 50Vdc	
Connector	851IH-10-6P50	Souriau (or equivalent)
Mechanical connection	7/16-20 UNJF-3A	
Weight	2.5 oz max	70.9g max
Mechanical Characteristics	Test structure and membrane welded by laser welding	
Index of Protection	IP67	
Options	Consult technician	

SIZE

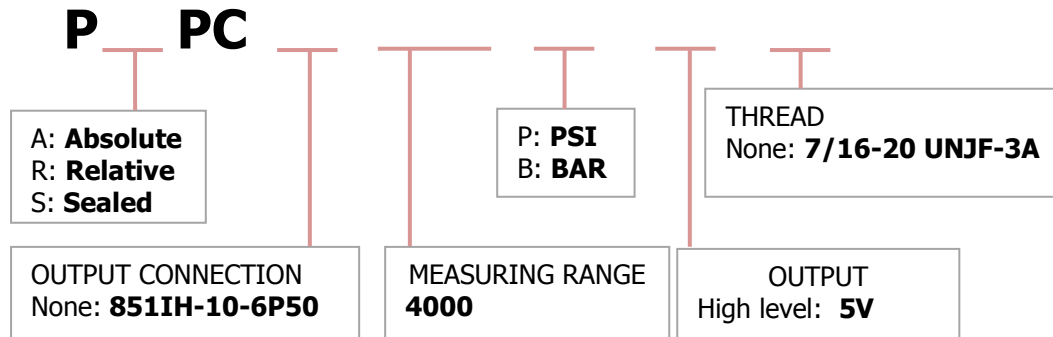


Mounting torque: **6.5 Nm**

WIRING



## ORDERING INFORMATION



### • Special options

#### OPTION

Special Temperature Compensation Range  
Sealing

#### FEATURES

-40°C to 60°C  
Viton O-ring 7.65x1.63 65 Shore  
BS ring  
Hutchinson ref: 206261

Shunt Calibration

Example:

**PAPC4KP5V**

- Absolute
- Souriau connector
- 4000 PSI
- Output : 0-5V
- Thread : 7/16

## CONTACT

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