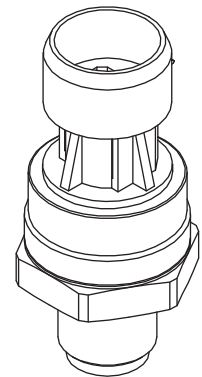
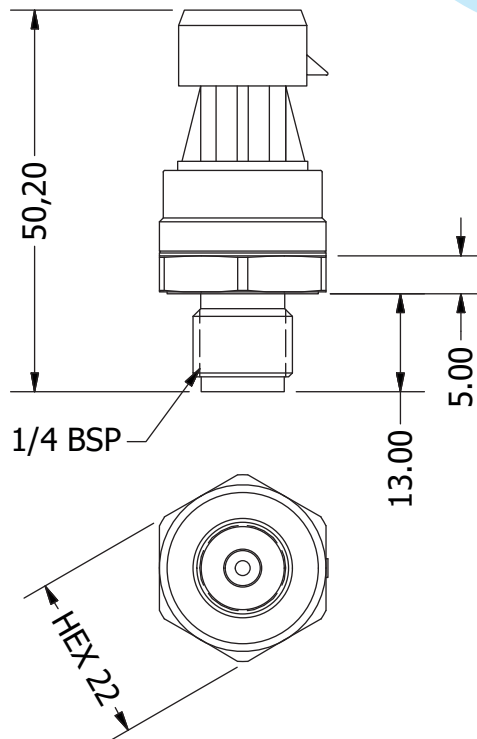
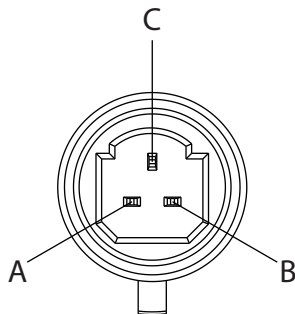


**Description**

ND-37 pressure transducers ensure long-term minimization errors that persist after millions of cycles of maximum overpressure. The sensor and the process connection are worked as one body, consequently the new ND-37 transducer has a stronger and more robust structure compared to any other transducer, this makes it more resistant also to sudden water hammer in difficult working conditions. Available with different process connections and pressure ranges according to customer needs, the pressure transducer Nava ND-37 offers proven reliability at an affordable price.



**Electrical connection :**

Power Supply	5V, 8 ~ 30VDC	8 ~ 30VDC
Output	0,5 ~ 4,5V 0 ~ 5V 1 ~ 5V	4 ~ 20mA
A	VDD	SUPPLY (+)
B	GND	NC
C	OUTPUT	SUPPLY (-)

**Technical features**

- Accuracy:** ± 0,5% F.S.
- Hysteresis, Repeatability':** ± 0,1% F.S.
- Working temperature:** - 40 °C ... +125 °C
- Temperature compensation:** - 20 °C ... +80 °C
- Total error band:** ± 1,5% F.S.
- Response time:** 2mS
- Work cycles:** 1 millions cycles
- Vibrations:** 200m/s<sup>2</sup> [10 ~ 2000MHz]
- Weight:** 45g

**Pressure range**

- Relative pressure:** 0~50 bar / 0~100 bar / 0~200 bar  
0~250 bar / 0~400 bar / 0~500 bar
- Overpressure:** 2 times the full scale value
- Burst pressure:** 10 times the full scale value

**Electrical features**

- Output:** 4 ~ 20mA 0,5~4,5V / 0~5V / 1~5V
- Power supply:** 8 ~ 30VDC 5V, 8 ~ 30VDC
- Insulation resistance:** > 100MΩ
- Tension resistance:** 500 V AC (1 minute between case and all terminals tied)
- Short-circuit protection:** Yes

**Construction features**

- Body material:** AISI 304
- Wetted port material:** AISI 630
- Connection:** Packard connector
- Waterproof IP rating:** IP67
- Electric connection material:** PA66 + GF30 gold plated Pin

**Opzioni**

- Process connections available on request
- Pressure ranges available on request
- Different connection available

**Applications**

- Process control
- Pneumatic and hydraulic Compressors
- Agricultural technology
- Environmental control system

**Ordering information**

Pressure range / Process connection / Output signal / Electrical connection / Options

The specifications and dimensions shown here represent the state of development at the time of going to press. Changes may occur and specifications may be replaced by others without prior notice.



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