

## P7620A

### Industrial Pressure Transmitters

#### PRODUCT DATA



#### FEATURES

- Temperature compensated
- Built-in Amplifier
- High level current Output Signal
- EMI/RFI protected
- Compact construction
- Shock and vibration resistance
- Zero and span adjustments
- False system shutdown prevention

#### SPECIFICATION

##### Performance characteristics:

Accuracy at 25°C (linearity, hysteresis, repeatability):  
 $\leq \pm 0.5\%$  F.S

Stability at 25°C  $\leq 0.4\%$  F.S./year

Thermal Effect:  $\leq \pm 0.04\%$  F.S./ °C

##### Environment characteristics:

Media temperature range: -25... +85°C

Ambient temperature range : 0... +70°C

Storage temperature range : -25... +85°C

Compensated range: -40... +135°C

Weatherproof rating: IP 65

#### GENERAL

The P7610A industrial pressure transmitters are ideal for many general purpose industrial applications when considering the performance, reliability and cost. The output signal of the sensing bridge is in converted to be a standardized current signal through surface mount technology circuit board. This high level signal output with very low noise system is packaged in a rugged stainless steel housing to resist the harsh and extreme environment conditions. Each transmitter is inspected and calibrated to ensure it's 100% quality.

#### Models

OS-No.	Pressure Range(bar)
P7620A1004	0~6
P7620A1012	0~10

This product meets the requirements of **CE**

**Physical characteristics:**

- Housing: 304 stainless steel
- Fitting material: 304 stainless steel
- Ceramic Sensor: Aluminum Oxide Al<sub>2</sub>O<sub>3</sub>(96%)
- Seal Material: NBR
- Pressure Fitting (Connection): G ½ ”
- Electrical Connector: Terminal Box to DIN43650 A

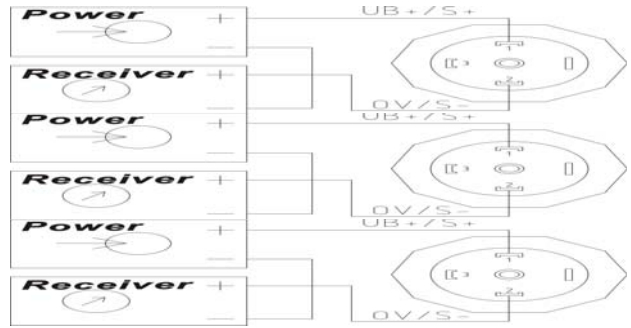
**Note:** The wetted parts including fitting, sensor and sealing will be contacted with the media directly.

**Electrical Data(Current):**

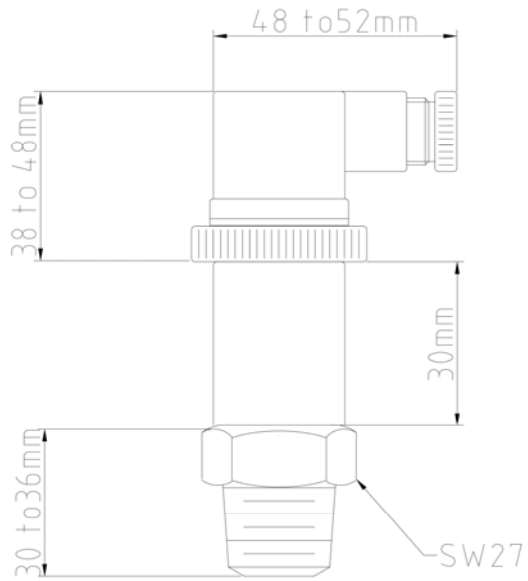
- Output Signal: 4-20mA(2 Wire)
- Power Requirement: 10-32 VDC(Normal 24 VDC)
- Load Resistance:  $\leq (\text{supply voltage}-10V)/(0.02A)$  Ohms

**Applications**

- Industrial OEM equipments
- Hydraulic monitoring systems
- Compressor controls
- Pneumatic systems
- Pump applications
- HVAC systems



**Wiring**



**Dimension**

**Honeywell**

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