

## Pressure Transmitter TQG14F4

The TQG14F series pressure transmitter adopts a high-precision imported sensor and utilizes the piezoresistive effect of silicon to convert pressure signals into electrical signals, which are then output as a standard 4~20mA DC current signal. Featuring stable performance and strong reliability, this product is widely used in railway systems and various industrial pressure measurement and control applications.

### Parameters

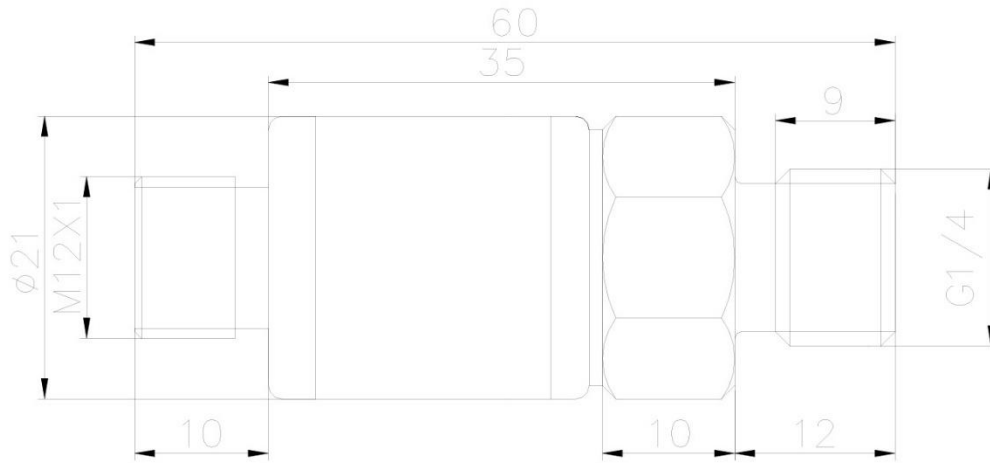
#### Operating Parameters

- Measured Medium: Liquids & Gases
- Measurement Range: 0~1000kPa
- Overload Capability: 6000kPa
- Output Signal: 4~20mA
- Supply Voltage: 12~30 VDC
- Operating Temperature: -40°C~+85°C
- Load Resistance: 0~250Ω@15V  
0~750Ω@24V
- Dielectric Strength: 500Vrms/50Hz/1min between wiring & housing

#### Accuracy & Dynamic Performance

- Accuracy:  $\pm 0.15\% \text{F.S.}@+25^{\circ}\text{C}$   
 $\pm 0.5\% \text{F.S.}@-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Non-Linearity:  $\leq 0.1\% \text{F.S.}$
- Long-term Stability:  $\leq 0.1\% \text{F.S. per year}$

## Outline & Interface



- Mounting Interface: G1/4A
- Electrical Connector: Two-wire configuration