

KDS615 high accuracy pressure transmitter

The KDS615 pressure transmitter uses imported diffusion silicon sensors as the pressure sensing element, combined with wide temperature range compensation, it has excellent thermal seat performance, multi-point linear correction, ensuring the accuracy and precision of the product. The instrument-grade amplifier used in this product has strong anti-interference performance, and the product housing is made of 304 stainless steel, which has better corrosion resistance and is suitable for various harsh working conditions. This series of products are used in applications that require high measurement accuracy, long-term stability, and strong anti-interference performance.

Features

- ◇ Basic accuracy up to Class 0.1, no other temperature errors within the range of 0~60°C
- ◇ Selecting RS485 digital output mode can achieve ultra-high precision of Class 0.05
- ◇ Supports optional 4-20mA or RS485 signal output
- ◇ Comes with zero calibration function, convenient for on-site rapid calibration, simplifying installation and commissioning process

Applications

- ◇ Laboratories
- ◇ Equipment Manufacturing and Construction Machinery
- ◇ Pneumatic and Hydraulic Systems
- ◇ Measurement and Experimental Platforms

Operation Environment

Environment Temperature: -20 to 65°C

Relative Humidity: (0~95%) RH (no condensation)

Storage Temperature: -10 to 50°C

Technical Parameters

Range: -1~0bar, 0~...700bar

Absolute: 0-1/1.6.../25bar

Compound Pressure: -1~1/1.6.../25bar

Accuracy: 0.1%f.s, 0.05%f.s

Power Supply: DC 9~30V

Output Mode: 4-20mA) / DC 12~30V (RS485)

Process Connection : M20/M14/N12/N14/G12/G14/P12/P14 or others

Electrical Connection: DIN43650, M12*1 aviation plug

Compensation Temperature: (0~60)°C

Electrical Protection: Reverse connection protection, short circuit protection, overvoltage protection

Protection Rating: IP65

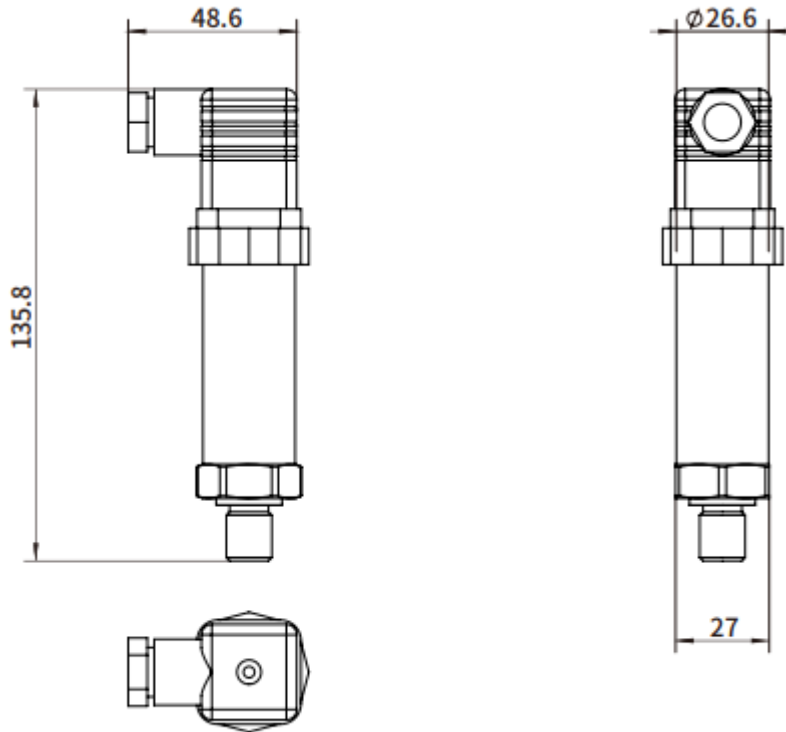
Beijing xiheng technology co.,ltd(KDS INSTRUMENT CO.,LTD)

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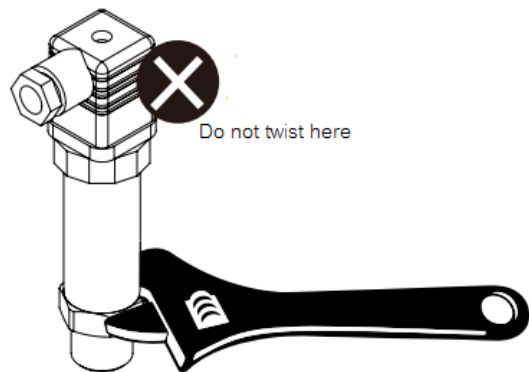
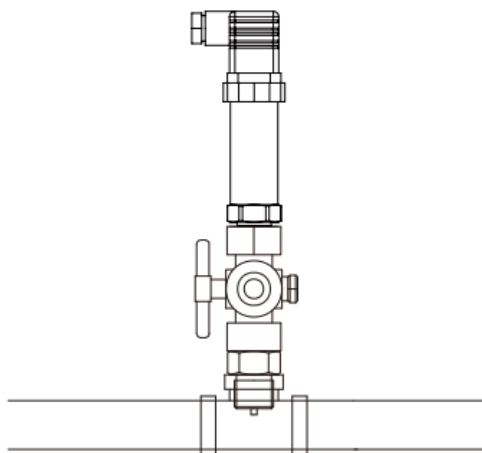
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Operating Temperature: (-20~65)°C

Dimensions(mm):



Installation method:



Please fully tighten the threads with a wrench to ensure airtightness.