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Иркутск (395)279-98-46
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Тула (4872)74-02-29
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3051 датчик давления 3051 pressure transmitter



1 Design features

High accuracy and good stability. It has the functions of continuous self-diagnosis, linear compensation and digital fine-tuning.

It can adjust the zero position and range locally, and it can also adjust remotely through remote handheld terminals and computers.

Linear or square root output can be selected according to different applications.

Conversion of settable damping time between 0.1 and 16S

Conversion of pressure units between KPa, Pa, InH tamping O, bar, etc.

Failure and safety modes can be set by switching failure/safety switches

Multi-point, single-point and burst mode

With the function of power-off protection, the working data can be automatically saved when power-off occurs.

Solid Component, Plug-in Printed Circuit Board Small, Light Weight, Strong Earthquake Resistance

2. Technical parameters

Typical applications: liquid, gas, steam

Accuracy Level: 0.1 Level, 0.2 Level

Power supply: 24VDC (+30%)

Signal output: 4-20 mADC/HART/RS485

Ambient temperature: - 40 ~ + 85 C

Process temperature: - 25 ~ + 125 (> 125 (> customizable)

Process connection: flange

Damping time: 0.1-16s adjustable

Power supply effect: <0.005%/v

Vibration effect: <1% maximum range (10-60 HZ, S=0.07 MM; 60-150 HZ, G)

Adjustable filling fluid: silicone oil, inert oil (optional)

On-site display: LCD (optional)

Protection Level: IP65

Explosion-proof grade: Exia IICT6, Exd IIBT5 (optional)