

X-FA0



Feature

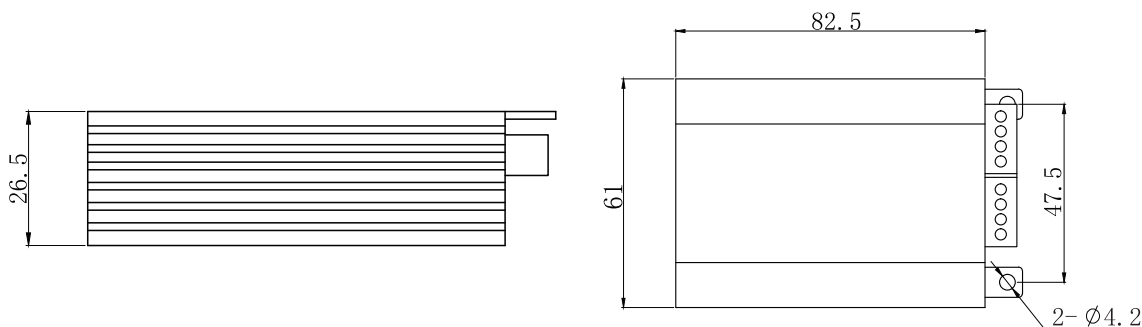
- ★ Built-in multi-stage amplification chip, independent power supply for sensor.
- ★ Metallic housing with stronger anti-interference
- ★ Multiple sensitivity input, and switchable.
- ★ Adjustable zero and external gain adjustment, more convenient.
- ★ High speed, high transmission speed, and high dynamic response frequency.
- ★ Good long-term stability
- ★ Small size and easy to install

Dimension and capacity can be customized by request.

Technical specifications

| | | | |
|------------------|--|-------------------------|-------------------------------|
| Accuracy | 0.1%–0.05% F.S. | Output | 0–5V, 0–10V, –5~+5V or 4–20mA |
| Service voltage | 24VDC | Maximum service voltage | 36V |
| Non-linearity | 0.1%–0.05% F.S. | Compensated temp range | – 10 ~ 60 °C |
| Hysteresis | 0.1%–0.05% F.S. | Operating temp range | – 20 ~ 80 °C |
| Repeatability | 0.1%–0.05% F.S. | Insulation | ≥ 5000MΩ / 100VDC |
| Zero balance | ± 2% F.S. | Temp effect on zero | 0.05 % F.S. / 10°C |
| Cable size | ∅5 x 1.5m | Dynamic response | 50–200 times per second |
| Cable connection | Ex + : Red; Ex - : Black; Sig + : Green; Sig - : White | | |
| Applications | Voltage transmitter can work together with strain gages, ceramic piezoresistive sensors, and diffused silicon piezoresistive sensors which can realize the conversion and transmitting of physical quantity, such as force, pressure, weight, displacement, torque and liquid level. And the signal can be directly input in computers or measurement and control instruments. | | |

Dimensional Drawings (mm)



Ordering guide

| MDL | HZ | Input signal | Special requirements |
|-------|-------|---|--|
| X-FA0 | 300HZ | V05: 0–5V V10: 0–10V V+/-05: +/-5V V+/-10: +/-10V M4: 4–20mA M20: 0–20mA | Do not write when there is no special requirement. |