X-F31

Dimension and capacity can be customized by request.

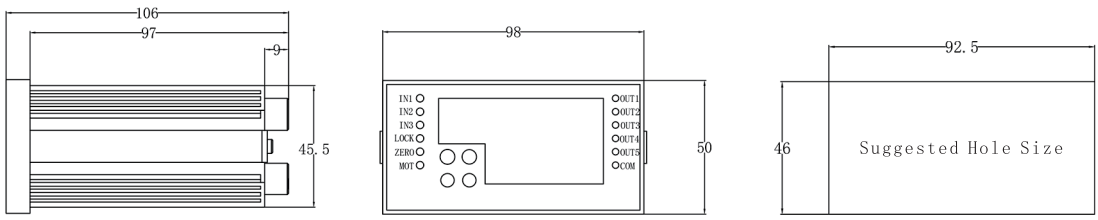
Feature

★ Built–in multi–stage amplification chip, independent power supply for sensor.
★ Multiple sensitivity input, and switchable.
★ High speed, high transmission speed, and high dynamic response frequency.
★ Good long–term stability, good anti–interference performance.

Technical specifications

Power source	5VDC	Material	Metallica
Recommended Excitatio	24VDC	Rated input	0.5–3.0mV/V
Non–linearity	0.002F.S.	Resolution	1/500000
Hysteresis	0.1%–0.05% F.S.	Sampling rate	15–1920HZ
Repeatability	0.1%–0.05% F.S.	Operating temp range	– 10 ℃ to 50 ℃ humidity below 85% RH
Zero Balance	± 2% F.S.	Display accuracy	–199,999–999,999
Power	≈ 5 W	Transmission output	RS232,RS485,0–10V,4–20mA
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 other measurement and control instruments.		

Dimensional Drawings (mm)



Ordering guide

MDL	Input channel	Power supply	Transmitting out	Description smart modules	Special requirements
X–F31	M:Single Channel MV 2M:Dual Channel MV	D: 24VDC	R2: RS232 R4: RS485 V:0–10V/±10V A:4–20mA	T:TEDS	Do not write when there is no special requirement.