



FEATURES

- Bipolar Output, Differential Input
- ± 5 or ± 10 VDC Outputs
- Bridge Excitation: 5 or 10 VDC (DIP Switch)
- Ranges: 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 10.0 mV/V (DIP Switch)
- 256 Selectable Shunt Combinations: 30k Ω , 43.7k Ω , 60.4k Ω , 87.6k Ω , 100k Ω , 150k Ω , 300k Ω , 432k Ω (DIP Switch)
- Externally Accessible Shunt Cal Activation Button
- Digitally Controlled Remote Shunt
- Internal Span and Offset Potentiometers
- Sensor Polarity Reversal DIP Switch
- Zero Shift DIP Switch
- Weight: 0.23 lb (104 g)

IMPORTANT NOTE: DO NOT CONNECT DEVICE TO POWER SUPPLY WHEN POWER SUPPLY IS ALREADY ON

SPECIFICATIONS

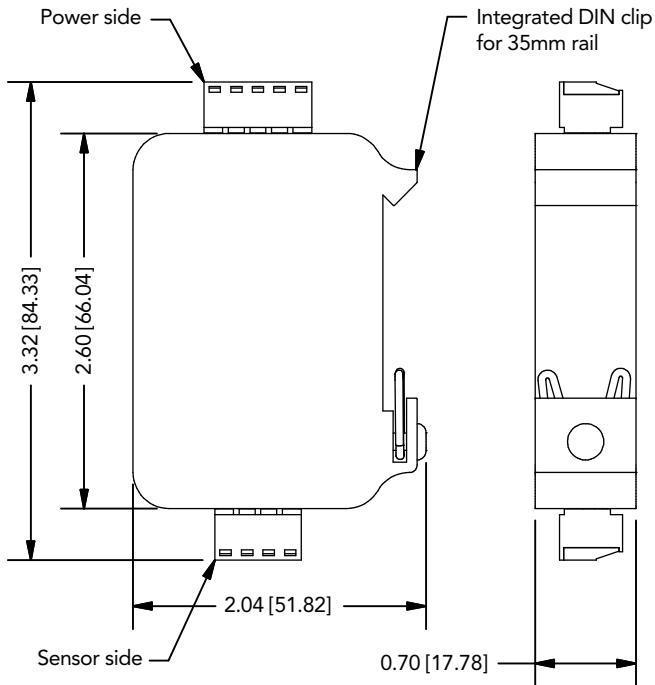
PARAMETER	MIN.	TYP.	MAX.	UNIT
Power Supply	12.5 ¹		26	VDC
Current Consumption		30		mA
Output Impedance		1		Ohms
Sensor Impedance	350		5000	Ohms
Bandwidth (Setting 1)		1000		Hz
Bandwidth (Setting 2)		10000 ²		Hz
Bandwidth (Setting 3)		25000 ³		Hz
Common Mode Rejection Ratio	120			dB
Noise		10		mVp-p
Output Span range	-10		10	% of FSR
Output Zero range	-10		10	% of FSR
Gain Drift with Temperature	-25	x	25	PPM of FSR
Total Error (Non-Linearity + Accuracy)		± 0.005		% of FSR
Zero Drift with Temperature	-25	x	25	PPM of FSR
Operating Temperature	32 [0]		158 [70]	°F [°C]
Storage Temperature	-40 [-40]		185 [85]	°F [°C]
Relative Humidity		95% at 100 [39]		°F [°C]
CONFORMITY				
RoHS	2011/65/EU			
CE	EN61326-1:2013; EN55011:2009 (Amended by A1:2010)			

¹ For Output Load < 1500 Ω : Min. Power Supply is 14 VDC

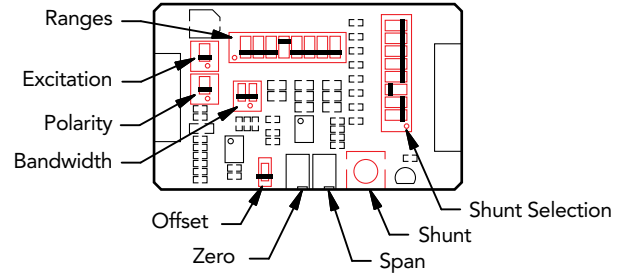
² Only for Sensitivity of 1.0 mV/V or Greater

³ Only for Sensitivity of 1.5 mV/V or Greater

DIMENSIONS inches [mm]



DIP SWITCHES DEFAULT CONFIGURATION



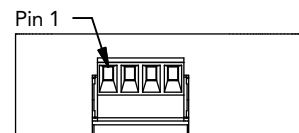
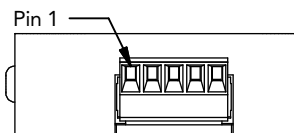
CONNECTIONS POWER SIDE

PIN #	WIRING CODE
1	+ Vin
2	Gnd
3	Shunt
4	Gnd
5	Vout

CONNECTIONS SENSOR SIDE

PIN #	WIRING CODE
1	+ EXCITATION ⁴
2	+ SIGNAL
3	- SIGNAL
4	- EXCITATION ⁴

⁴ For 6 wire sensors, connect +SENSE to +EXCITATION and -SENSE to -EXCITATION



Asia

联系方式

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