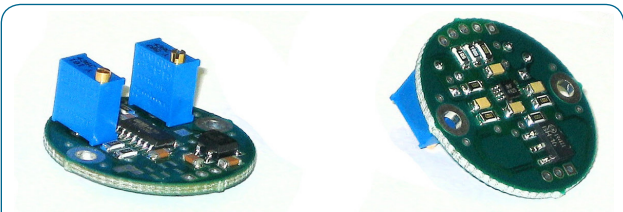


The new 4-20 mA load cell interface from Massload Technologies is specifically designed for ESD hazardous environments. The new design incorporates a load cell shield connection and polarity insensitive current loop connections. The new design is not susceptible to damage from shorting loop leads together or to ground during operation.

Applications:

- Process monitoring and control
- Remote data logging
- Product testing
- Security and surveillance applications



4-20mA Converter Board Specifications

Loop Voltage	9 to 30 VDC ¹
Operating Temperature Range.....	-40°C to 125°C
Storage Temperature Range.....	-65°C to 150°C
Physical diameter.....	1.22" (31 mm)
Physical height.....	0.6" (15 mm)

Works with 350Ω 4 wire load cells, can be modified to work with other impedances.
¹ (Devices may work at 8 V over reduced temperature range, input clamps at ~33 V)

Calibration Stability	
Shock	100G
.....	+/- 1% ΔGain
.....	+/- 0.025 mA Zero Drift
Vibration	
.....	20G
.....	+/- 1% ΔGain
.....	+/- 0.025 mA Zero Drift