

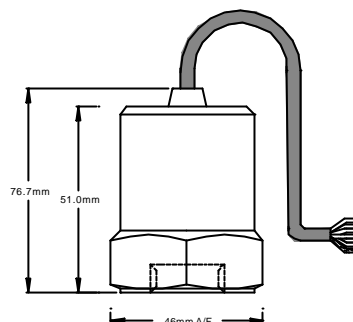


MTN/1181

Multi-output accelerometer

Features

- RMS velocity output (ISO 10816-1)
- Enveloped g output
- 0-10V outputs for PLCs
- Buffered acceleration output



Technical Specification

Power Input	+15 V to +24 VDC @ 10 mA
Output 1	0-10 VDC proportional to RMS Velocity Range - 0 to 25 mm/sec or as specified Output Offset 50 mVDC max. (0.125 mm/s)
Frequency Range	10 Hz to 1 kHz (-3db) Filters – two-pole Butterworth type 12db/octave
Output 2	0 – 10 VDC proportional to Enveloped g Range – 0 to 10g or as specified Output Offset 50 mVDC max. (50mg)
Input Frequency Range	3 kHz – 6 kHz Enveloped Frequency Range 10 Hz – 1 kHz Filters – two-pole Butterworth type 12 db/octave
Output 3	AC output – 100 mV/g or as specified Frequency Response 2 Hz – 10 kHz (-3db)
Mounted Resonance	15 kHz
Isolation	Base isolated
Temperature Range	0 °C to +90 °C
Weight	400 gms (nominal)

Connection Details

Via multi-core, screened PVC Cable:

Red	-	+24 V in
Black	-	0 V (common)
White	-	0-10 V RMS velocity
Blue	-	0-10 V Enveloped g
Yellow	-	AC Output
Green	-	No Connection
Screen	-	Case