



High Temperature Accelerometer Kit Model SA6350-M1164

This Accelerometer Kit version of the SA6350 is specifically designed to interface with those third party monitoring systems that support only -24 VDC type accelerometers.

Included in the kit is a SA6350-4-030-6-000-0-M1164 accelerometer, a 9506-211-0029-0030 cable and an 8531-M1023 mounting adapter. The SA6350 accelerometer is ideally suited for monitoring vibration of gas turbines and other high temperature machines.

Specifications

All specifications are at 25°C unless otherwise specified.

SA6350-4-030-6-000-0-M1164 Accelerometer

Sensitivity:

10.2 mV/m/s² (100 mV/g) ±5% at 100 Hz

Frequency Response:

50 Hz to 3 kHz ±0.5 dB

20 Hz to 10 kHz ±dB

Mounted Resonate Frequency: 25 kHz

Acceleration Range: 490 m/s² (50g) peak

Shock Limit:

49,000 m/s² (5000 g) peak

Cross Axis Sensitivity:

<5% of axial sensitivity

Power Requirements: -24 VDC

Bias Voltage: -8.5 VDC Nominal

Temperature Range:

Accelerometer: -40°C to 325°C

Cable: -50°C to 121°C

Electronics: -40°C to 120°C

Isolation: 500 Vrms, electronics to case

Case Material: Stainless Steel

Hazardous Area Certification: Pending

Environmental Rating: NEMA 4X

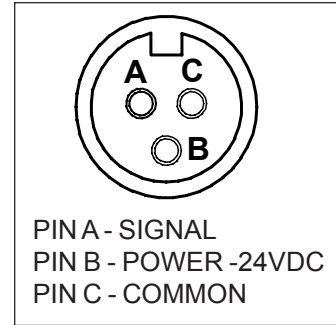
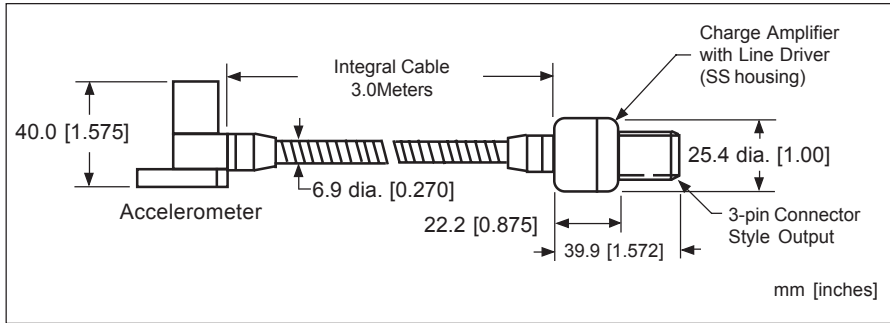
Accelerometer: IP67

Cable: IP65

Electronics: IP65

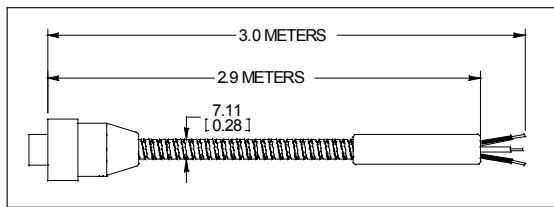
Electromagnetic Compatibility: CE

High Temperature Accelerometer Kit
Model SA6350-M1164



9506-211-0029-0030 Cable

Socket Connector: 3-pin (works with 3-pin MIL-C-5015 connector)
Cable: 18 AWG 3-conductor with shield
Armor: Stainless Steel



SIGNAL - WHITE
POWER -24VDC - RED
COMMON - BLACK

8531-M1023 Mounting Adapter

Material: Stainless Steel
Mounting Stud: 1/2-13 UNC
Mounting Bolts: 6-32 UNC (4 included in kit)

