

DATA SHEET

PREMIUM ACCELEROMETER; TYPE:SR-170 (AC Acceleration Output via MIL 2 Pin Connector)

a) Principle	:	Piezoelectric
b) Resonant Frequency	:	34/32/30/28/26/24 kHz.
c) Linear Accuracy	:	±5%
d) Sensitivity	:	10/30/50/100/250/500 mV/g
e) Frequency Range	:	2 Hz. to 14000 Hz ±5% (ISO 10816)
f) Isolation	:	Base Isolated
g) Transverse Sensitivity	:	<5%
h) Bias Voltage	:	10-12V DC
i) Setting Time	:	1 Sec.
j) Current Range	:	0.5mA- 8mA Output Impedance ≤ 200Ω
k) Operating Condition	:	Operating Temperature Range -55°C + 130°C Relative Humidity max. 95% non-condensing.
l) Sealing	:	IP-68
m) Case Material	:	Stainless Steel
n) Sensing Element	:	PZT/ Shear
o) Mounting Torque	:	8 N-m
p) Weight	:	52 grams
q) Maximum Permissible Cable Length :		1000 Meters
r) Cable with Connector	:	5 / 10 / 15 /20 Meters cable with MIL 2 Pin Connector