

ULTRA-LOW POWER EMBEDDED ACCELEROMETER

FOR WIRELESS, BATTERY POWERED
AND INTEGRATED APPLICATIONS



ULTRA-LOW POWER CONSUMPTION

180 μ W

power
consumption



60 μ A*

current
draw



3 VDC

voltage
requirement



350 μ s

typical settling
time



Takes more
measurements
using less battery

*0 μ A current draw in power-down mode

EASY INTEGRATION

TO-5

standard
packaging



IP68

hermetic
seal



.36"

diameter



3.2 grams

lightweight



Seamlessly
incorporates into
the final design

HIGH PERFORMANCE

50 mV/g

high
sensitivity



to 12.5kHz

wide
bandwidth



12 μ g/ \sqrt Hz*

low
noise



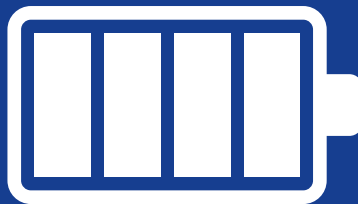
Performance
matches industrial
accelerometers

*at 100 Hz, 700 μ g broadband

APPLICATIONS



WIRELESS
SENSORS



BATTERY POWERED AND
ENERGY HARVESTING



INTEGRATED MACHINERY
HEALTH MONITORING

wilcoxon.com

info@wilcoxon.com

+1 (301) 330 8811

Wilcoxon
SENSING TECHNOLOGIES
an Amphenol Company