## **Biaxial underwater accelerometer**

757

## **SPECIFICATIONS**

Sensitivity, ±10%, 25°C	100 mV/g
Acceleration range	50 g peak
Amplitude nonlinearity	1%
Frequency response: Both channels, ±10%	2 - 2,000 Hz
Transverse sensitivity, max	5% of axial
Temperature response: -20°C +90°C	–5% +5%
Power requirement: Voltage source Current regulating diode	18 - 30 VDC 2 - 10 mA
Electrical noise, equiv. g, nominal: Broadband 2.5 Hz to 25 kHz Spectral 10 Hz 100 Hz 1,000 Hz	100 μg 10 μg/√Hz 1 μg/√Hz 0.5 μg/√Hz
Output impedance, max	100 Ω
Bias output voltage, nominal	12 VDC
Grounding	case isolated, internally shielded
Temperature range	–50° to +80°C
Hyrdrostatic pressure, max	650 psi
Vibration limit	500 g peak
Shock limit	5,000 g peak
Electromagnetic sensitivity, equiv. g	100 µg/gauss
Base strain sensitivity	0.002 g/µstrain
Weight	110 grams
Case material	316L stainless steel
Mounting Wilcoxon Research	two 10-32 x 7/16 SHCS on 1.125 bolt circle
Recommended cabling	J81S, 10 ft., stainless steel braid





Via Italo Calvino 7 Lotto 1 - Edificio A13-14 20017 Rho (MI) Tel. +39 02 36569371 info@danetech.it www.danetech.it



## Key features

- High pressure rating
- Manufactured in ISO 9001 facility

Wilcoxon Research

Connections	
Function	Connector
x	white
у	black
common	shield



Accessories supplied: Calibration data; two 10-32 x 7/16 SHCS





Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.

Wilcoxon Sensing Technologies An Amphenol Company 98129 Rev.C.1 09/18 8435 Progress Drive Frederick, MD 21701 USA Tel: +1 (301) 330-8811 Fax: +1 (301) 330-8873 info@wilcoxon.com

buy.wilcoxon.com www.wilcoxon.com