



Actual Product Size Shown

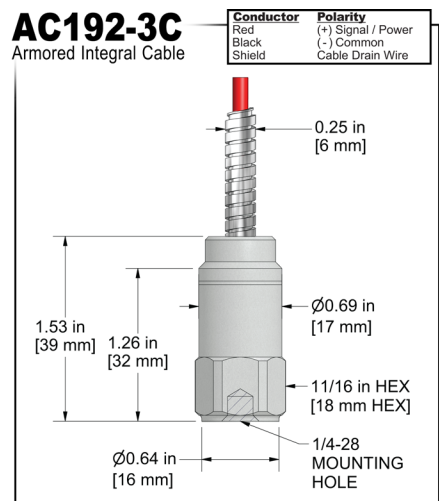
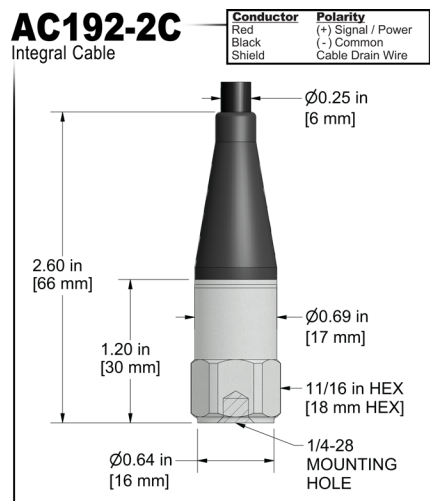
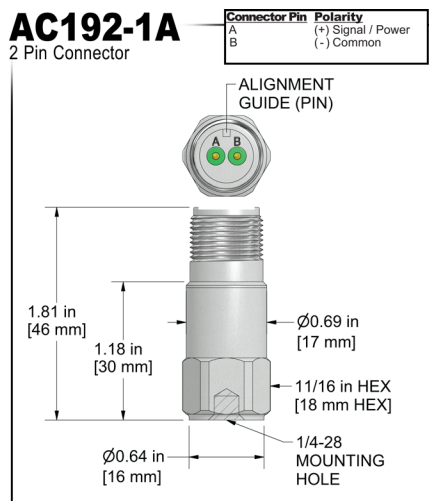


### Product Features

**High Performance in an Affordable, Compact Sensor**

**Very Low Noise**

- Superior RF Immunity
- ±80 g, Peak Dynamic Range, ± 10% Sensitivity
- Standard 2 Pin MIL Connection



Specifications	Standard	Metric
Part Number	AC192	M/AC192
Sensitivity (±10%)		100 mV/g
Frequency Response (±3dB)	24-780,000 CPM	0,4-13000 Hz
Frequency Response (±10%)	60-540,000 CPM	1,0-9000 Hz
Dynamic Range	± 80 g, peak	
<b>Electrical</b>		
Settling Time	<2 Seconds	
Voltage Source	18-30 VDC	
Constant Current Excitation	2-10 mA	
Spectral Noise @ 10 Hz	8 µg./Hz	
Spectral Noise @ 100 Hz	4 µg./Hz	
Spectral Noise @ 1000 Hz	2 µg./Hz	
Output Impedance	<100 ohm	
Bias Output Voltage	10-14 VDC	
Case Isolation	>10 <sup>8</sup> ohm	

Specifications	Standard	Metric
<b>Environmental</b>		
Temperature Range	-58 to 250°F	-50 to 121°C
Maximum Shock Protection	5,000 g, peak	
Electromagnetic Sensitivity	CE	
Sealing	Welded, Hermetic	
Submersible Depth (AC192-2C/3C)	500 ft.	152 m
<b>Physical</b>		
Sensing Element	PZT Ceramic	
Sensing Structure	Shear Mode	
Weight	1.8 oz	51 grams
Case Material	316L Stainless Steel	
Mounting	1/4-28	
Connector (non-integral)	2 Pin MIL-C-5015	
Resonant Frequency	1,560,000 CPM	26000 Hz
Mounting Torque	2 to 5 ft. lbs.	2,7 to 6,8 Nm
Mounting Hardware	1/4-28 Stud	M6x1 Adapter Stud
Calibration Certificate	CA10	

### Ordering Information

Standard	AC192-1A (1/4-28 Stud)	AC192-2C (1/4-28 Stud)	- / [ ] - [ ] (length in feet) (termination)	AC192-3C (1/4-28 Stud)	- / [ ] / [ ] - [ ] (armor length in feet) (cable length in feet) (termination)
Metric	M/AC192-1A (M6x1 Adapter Stud)	M/AC192-2C (M6x1 Adapter Stud)	- / [ ] - [ ] (length in feet) (termination) [ ] M - [ ] (length in meters) (termination)	M/AC192-3C (M6x1 Adapter Stud)	- / [ ] / [ ] - [ ] (armor length in feet) (cable length in feet) (termination) [ ] M / [ ] M - [ ] (armor length in meters) (cable length in meters) (termination)

**Cable Termination Options:** E F Z

