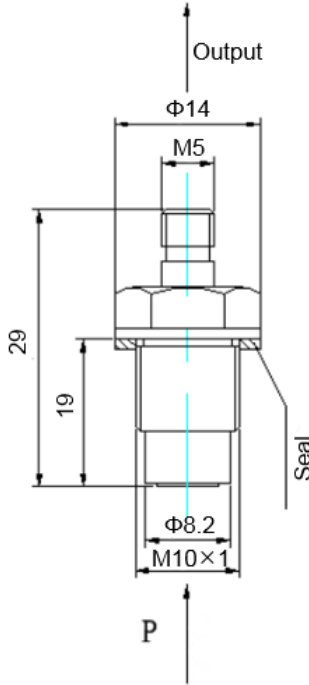
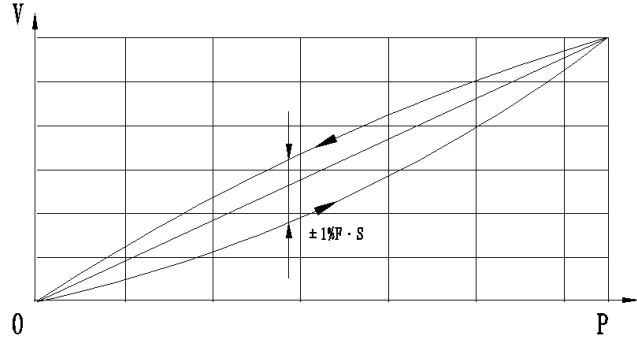


Product Model: 611P series		Quartz Dynamic Pressure Sensor		Version: A Date: 2022-5-6																																											
YMC 611P series, dynamic pressure sensor, is designed to measure low-level pressure activity under high static pressure. Features: • Sturdy construction • Small size and light • Quartz sensing • High sensitivity accelerometer 		<table><tr><th>Performance</th><th>611P30</th></tr><tr><td>Sensitivity</td><td>167 mV/MPa</td></tr><tr><td>Measurement Range</td><td>0-30 MPa</td></tr><tr><td>Resolution</td><td>0.015 kPa</td></tr><tr><td>Overload Capacity</td><td>120%</td></tr><tr><td>Non-linearity</td><td>≤1% F.S.</td></tr><tr><td>Hysteresis</td><td>≤1% F.S.</td></tr><tr><td>Repeatability</td><td>≤1% F.S.</td></tr><tr><td>Rise Time</td><td>≤2.0 μs</td></tr><tr><td>Resonant Frequency</td><td>≥200 kHz</td></tr><tr><td>Temperature Range</td><td>-40 ~ +121 °C</td></tr><tr><td>Excitation Voltage</td><td>+18-+28 VDC</td></tr><tr><td>Excitation Current</td><td>2 - 10 mA</td></tr><tr><td>Output Impedance</td><td><100 Ω</td></tr><tr><td>Output Bias Voltage</td><td>11±1.5 VDC</td></tr><tr><td>Sensing Element</td><td>Quartz</td></tr><tr><td>Size mm</td><td>As left figure</td></tr><tr><td>Weight</td><td>~15 g</td></tr><tr><td>Mounting</td><td>M10X1</td></tr><tr><td>Output Connector</td><td>M5</td></tr><tr><td>Housing Material</td><td>Stainless Steel</td></tr></table>		Performance	611P30	Sensitivity	167 mV/MPa	Measurement Range	0-30 MPa	Resolution	0.015 kPa	Overload Capacity	120%	Non-linearity	≤1% F.S.	Hysteresis	≤1% F.S.	Repeatability	≤1% F.S.	Rise Time	≤2.0 μs	Resonant Frequency	≥200 kHz	Temperature Range	-40 ~ +121 °C	Excitation Voltage	+18-+28 VDC	Excitation Current	2 - 10 mA	Output Impedance	<100 Ω	Output Bias Voltage	11±1.5 VDC	Sensing Element	Quartz	Size mm	As left figure	Weight	~15 g	Mounting	M10X1	Output Connector	M5	Housing Material	Stainless Steel		
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		扬州英迈克测控技术有限公司 YMC PIEZOTRONICS INC																																													
Accessories	1. Coaxial shielded cable 1ea 2m 2. Certificate of inspection 1ea			Addr.:No.47 Xiangyun Road Yangzhou China Post code:225009 Website:www.chinaymc.com E-mail:sales@chinaymc.com Tel.:0514-87960802 Fax:0514-87960681																																											
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