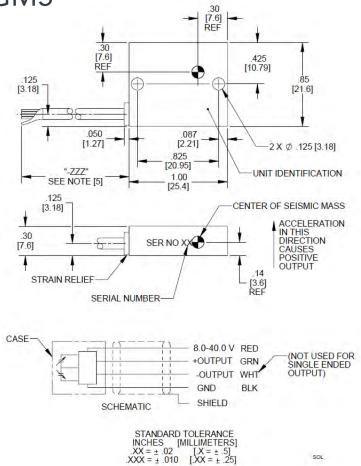


Variable capacitance accelerometer

Model 7290G and 7290GM5



M5 option



Key features

- 2, 5, 10, 30, 50, 100 and 200 g full scale ranges
- Motion, low frequency, tilt
- 10K g shock survivability
- Precision digital temperature compensation
- M5 option for water tight performance

Description

Model 7290G accelerometer family utilizes unique variable capacitance microsensors. The accelerometers are designed for measurement of relatively low level accelerations in aerospace and automotive environments. Typical applications require measurement of whole body motion immediately after the accelerometer is subjected to a shock motion, and in the presence of severe vibrational inputs. State-of-the-art digital temperature compensation electronics provide for precise compensation over a wide temperature range. The use of gas damping results in very small thermally induced changes in frequency response.

Gas damping and internal over-range stops enable the anisotropically-etched silicon microsensors to withstand high shock and acceleration loads. For outdoor use specify the M5 option, which has a PFA cable and a reinforced cable to case connection. The M5 is watertight for outdoor applications such as vehicle road testing and flight test. It was tested to IP67 during development, but is not intended for underwater use, which would void the product warranty.

The accelerometer is specified for operation over the wide excitation voltage range of 8V to 40V. Model 7290G can be configured for either a differential and single ended output. The differential output has a range of ± 2 V. The single ended output is 0.5 V to 4.5 V with 2.5 V of bias voltage.

U.S. Patents 4,574,327, 4,609,968 and 4,999,735

ENDEVCO www.endevco.com Tel: +1 (866) ENDEVCO [+1 (866) 363-3826]

Piezoelectric accelerometers | Piezoresistive accelerometers | IEPE accelerometers | Variable capacitance accelerometers | Piezoresistive pressure sensors | Piezoelectric pressure sensors | High intensity microphones | Inertial sensors | Signal conditioners and supportive instrumentation | Cable assemblies



Variable capacitance accelerometer Model 7290G and 7290GM5

Specifications

The following performance specifications are referenced at +75°F (+24°C) and 100 Hz, unless otherwise noted. Calibration data traceable to National Institute of Standards and Technology (NIST) is supplied.

Dynamic characteristics	Units	-2	-5	-10	-30	-50	-100	-200
Range	g	±2	±5	±10	±30	±50	±100	±200
Sensitivity	mV/g	1000 ±50	400 ±20	200 ±10	66 ±4	40 ±2	20 ±1	10 ±0.5
⁻ requency response (± 5% max)	Hz	0 to 15	0 to 30	0 to 500	0 to 1000	0 to 2000	0 to 2000	0 to 200
± 10% typ)	Hz	0 to 30	0 to 80	0 to 1300	0 to 1800	0 to 3000	0 to 3000	0 to 400
± 3dB typ)	Hz	0 to 60	0 to 150	0 to 2800	0 to 3000	0 to 4500	0 to 4500	0 to 600
Mounted resonance frequency	Hz	1300	1600	3000	5500	6000	6000	6000
Non-linearity and hysteresis [1]	% FSO typ (max)			±0.20 (±0.50)	±0.20 (±0.50)			±1 (±2)
Transverse sensitivity	% (max)	2	2	2	2	2	2	2
Zero measurand output	mV	±50	±50	±50	±50	±50	±50	±50
1	IIIV	4.0	2.5	0.7	0.7	0.6	0.6	0.6
Damping ratio		4.0	2.5	0.7	0.7	0.0	0.0	0.0
Damping ratio change From -65°F to +250°F (-55°C to +121°C)	%/°C	+0.08	+0.08	+0.08	+0.08	+0.08	+0.08	+0.08
Thermal zero shift (max)								
From -40°F to 212°F (-40°C to 100°C)	% FSO	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0
Thermal sensitivity shift (max)								
From -40°F to 212°F (-40°C to +100°C)	%	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0
Overrange (determined by electrical clipping	g or mechanical sto	ops, whichever	is smaller.)					
Electrical clipping	volts	±2.4	±2.4	±2.4	±2.4	±2.4	±2.4	±2.4
Mechanical stops, typical	g	±4	±12	±30	±90	±200	±200	±300
Recovery time	9 µs	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Resolution [2]	Equiv. q's	0.0002	0.0005	0.0010	0.0030	0.0050	0.0100	0.0200
Base strain sensitivity, max	Equiv. g's	0.0002	0.000	0.0010	0.0030	0.0050	0.01	0.0200
Warm-up time (to within 1%)	ms	15	15	15	15	15	15	15
Electrical characteristics								
Excitation voltage	8 to 40Vdc							
Current drain	4.5 mA typ, 6 mA	4.5 mA typ, 6 mA max						
	100 ohms max/10K ohms resistance minimum, 0.1 µF capacitance maximum							
Output impedance/load	100 ohms max/10	OK ohms resista	ance minimum,	0.1 µF capacita	nce maximum			
	100 ohms max/10 100 μV rms typ, 0		ance minimum,	0.1 µF capacita	nce maximum			
).5 to 100 Hz		0.1 µF capacita	nce maximum			
Output impedance/load Residual noise Physical characteristics	100 µV rms typ, 0).5 to 100 Hz		0.1 µF capacita	nce maximum			
Residual noise Physical characteristics	100 μV rms typ, 0 500 μV rms typ, 0).5 to 100 Hz).5 Hz to 10 kH		0.1 µF capacita	nce maximum			
Residual noise Physical characteristics Case material	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumin).5 to 100 Hz).5 Hz to 10 kH um alloy	Ζ			unoorflou™ ia -l	(0+ for 700))G.
	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumin Integral cable, for).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2	z 8 AWG, Teflon®	^o insulated leads	s, spiral shield,		ket for 7290)G;
Residual noise Physical characteristics Case material Electrical connections	100 μV rms typ, C 500 μV rms typ, C Anodized alumin Integral cable, for Four 30 AWG PF).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2 A 340 insulated	z 8 AWG, Teflon® 1 leads, braidec	⁹ insulated leads	s, spiral shield,		ket for 7290)G;
Residual noise Physical characteristics Case material Electrical connections Mounting/torque	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2 A 340 insulated 0 or M3 mount	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm)	s, spiral shield, A 340 jacket fo	r 7290GM5)G;
Residual noise Physical characteristics Case material Electrical connections Mounting/torque	100 μV rms typ, C 500 μV rms typ, C Anodized alumin Integral cable, for Four 30 AWG PF).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2 A 340 insulated 0 or M3 mount	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm)	s, spiral shield, A 340 jacket fo	r 7290GM5)G;
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2 A 340 insulated 0 or M3 mount	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm)	s, spiral shield, A 340 jacket fo	r 7290GM5)G;
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2 A 340 insulated 0 or M3 mount	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm)	s, spiral shield, A 340 jacket fo	r 7290GM5)G;
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction)	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2 A 340 insulated 0 or M3 mount	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm)	s, spiral shield, A 340 jacket fo	r 7290GM5)G;
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without).5 to 100 Hz).5 Hz to 10 kH ur conductor 2: A 340 insulated 0 or M3 mount : cable (cable w	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm) 'meter for 7290	s, spiral shield, A 340 jacket fc G and 13 gram	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 μS h).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount : cable (cable w aversine pulse)	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm) 'meter for 7290	s, spiral shield, A 340 jacket fc G and 13 gram	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount : cable (cable w aversine pulse)	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm) 'meter for 7290	s, spiral shield, A 340 jacket fc G and 13 gram	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Femperature	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 μS h 0.1% FSO typical).5 to 100 Hz).5 Hz to 10 kH ur conductor 2: A 340 insulated 0 or M3 mount : cable (cable w aversine pulse) at 5000 g	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and -	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm) 'meter for 7290	s, spiral shield, A 340 jacket fc G and 13 gram	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating	100 μV rms typ, 0 500 μV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 μS h 0.1% FSO typical -65°F to +250°F ().5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121)	z 8 AWG, Teflon [®] d leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C)	⁹ insulated leads I shield, gray PF bf-in (0.68 Nm) 'meter for 7290	s, spiral shield, A 340 jacket fc G and 13 gram	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F ().5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121' (-40°C to +100)	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) °C)	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80	s, spiral shield, A 340 jacket fc G and 13 gram	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121' (-40°C to +100) is epoxy sealed	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) °C) I. IP67 for 7290	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only.	s, spiral shield, A 340 jacket fc G and 13 gram) µS haversine p	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F ().5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121' (-40°C to +100) is epoxy sealed	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) °C) I. IP67 for 7290	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only.	s, spiral shield, A 340 jacket fc G and 13 gram) µS haversine p	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude ESD sensitivity	100 µV rms typ, 0 500 µV rms typ, 0 Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121' (-40°C to +100) is epoxy sealed	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) °C) I. IP67 for 7290	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only.	s, spiral shield, A 340 jacket fc G and 13 gram) µS haversine p	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude ESD sensitivity Calibration	100 µV rms typ, C 500 µV rms typ, C Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i Unit meets Class).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121' -40°C to +100 is epoxy sealed 2 requirements	z 8 AWG, Teflon [®] 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) °C) I. IP67 for 7290	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only.	s, spiral shield, A 340 jacket fc G and 13 gram) µS haversine p	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude ESD sensitivity Calibration Sensitivity	100 µV rms typ, C 500 µV rms typ, C Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i Unit meets Class).5 to 100 Hz).5 Hz to 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount cable (cable w aversine pulse) at 5000 g (-55°C to +121' -40°C to +100 is epoxy sealed 2 requirements -2 and -5	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) C) I. IP67 for 7290 s of MIL-STD-88	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only.	s, spiral shield, A 340 jacket fc G and 13 gram) µS haversine p	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude ESD sensitivity Calibration Sensitivity (measured with 15 Vdc excitation)	100 µV rms typ, C 500 µV rms typ, C Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i Unit meets Class 1 g and 5 Hz for - 10 g and 100 Hz	 b) 5 to 100 Hz b) 5 Hz to 10 kH c) 4 and 10 minutes c) 4 aversine pulse c) at 5000 g c) 55°C to +121° c) 40°C to +100° c) e poxy sealed 2 requirements c) 2 and -5° for all other rar 	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) 1. IP67 for 7290 s of MIL-STD-88 nges	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only. 33, Method 301	s, spiral shield, Ά 340 jacket fo G and 13 gram) μS haversine p 5	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude ESD sensitivity Calibration Sensitivity (measured with 15 Vdc excitation) Frequency response	100 µV rms typ, C 500 µV rms typ, C Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i Unit meets Class 1 g and 5 Hz for - 10 g and 100 Hz 1 g, 1 to 100 Hz f	 b) 5 to 100 Hz b) 5 Hz to 10 kH c) 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount c able (cable w at 5000 g c 55°C to +121' c 40°C to +100 s epoxy sealed 2 requirements -2 and -5 for all other rar for -2 and -5, 10 	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) 1. IP67 for 7290 s of MIL-STD-88 nges	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only. 33, Method 301	s, spiral shield, Ά 340 jacket fo G and 13 gram) μS haversine p 5	or 7290GM5 s/meter for 729	90GM5)	
Residual noise Physical characteristics Case material Electrical connections Mounting/torque Weight Environmental characteristics Acceleration limits (in any direction) Static Shock Zero shift Temperature Operating Storage Humidity/altitude ESD sensitivity Calibration Sensitivity	100 µV rms typ, C 500 µV rms typ, C Anodized alumini Integral cable, for Four 30 AWG PF, Two holes for 4-4 10 grams without 20,000 g 5000 g (150 µS h 0.1% FSO typical -65°F to +250°F (-40°F to +212°F (Unaffected. Unit i Unit meets Class 1 g and 5 Hz for - 10 g and 100 Hz	 b) 5 to 100 Hz b) 5 Hz to 10 kH c) 10 kH um alloy ur conductor 2: A 340 insulated 0 or M3 mount c able (cable w at 5000 g c 55°C to +121' c 40°C to +100 s epoxy sealed 2 requirements -2 and -5 for all other rar for -2 and -5, 10 	z 8 AWG, Teflon® 1 leads, braidec ing screws / 6 l reighs 9 grams/ for -2, -5 and - °C) 1. IP67 for 7290 s of MIL-STD-88 nges	⁹ insulated leads d shield, gray PF bf-in (0.68 Nm) meter for 7290 10; 10 000 g (80 GM5 only. 33, Method 301	s, spiral shield, Ά 340 jacket fo G and 13 gram) μS haversine p 5	or 7290GM5 s/meter for 729	90GM5)	

ENDEVCO www.endevco.com Tel: +1 (866) ENDEVCO [+1 (866) 363-3826]



Variable capacitance accelerometer Model 7290G and 7290GM5

Accessories

Product	Description	7290G	7290GM5
EHW265	Size 4, flat washers (2)	Included	Included
EH702	4-40 x 7/16 inch cap screws (2)	Included	Included
EHM464	Hex key wrench	Included	Included
7990	Triaxial mounting block	Optional	Optional

Options

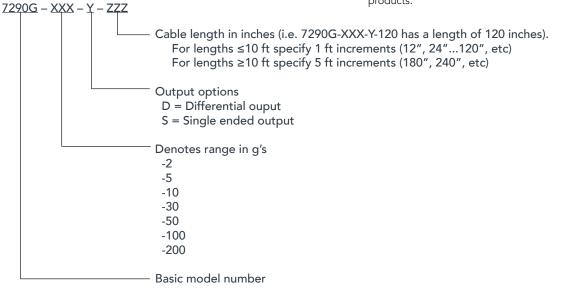
Options	Description
M1	Made with leaded solder for colder storage temp, recommended for space applications
M5	With more robust cable and strain relief, IP67, recommended for outdoor installation

Notes

- 1. Full scale output (FSO) is nominally 4 volts.
- 2. Resolution = (2x residual noise; 0.5 to 100 Hz) / sensitivity
- 3. Model number definition:

Ordering information

 Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 866-ENDEVCO for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.





Continued product improvement necessitates that Endevco reserve the right to modify these specifications without notice. Endevco maintains a program of constant surveillance over all products to ensure a high level of reliability. This program includes attention to reliability factors during product design, the support of stringent Quality Control requirements, and compulsory corrective action procedures. These measures, together with conservative specifications have made the name Endevco synonymous with reliability. 081919