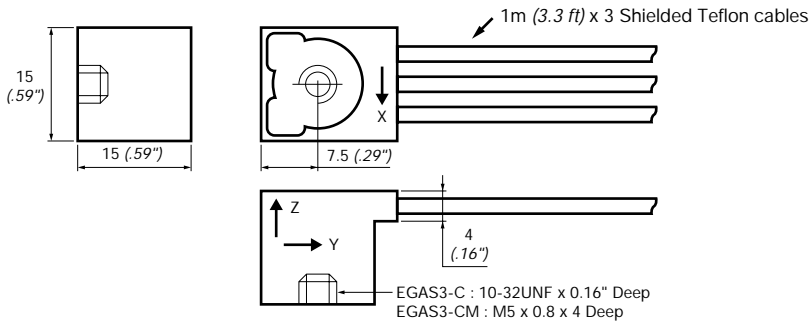


EGAS3 Series Accelerometers

Triaxial Miniature - Rugged

TRIAxIAL EGAS3

EGAS3-C & EGAS3-CM

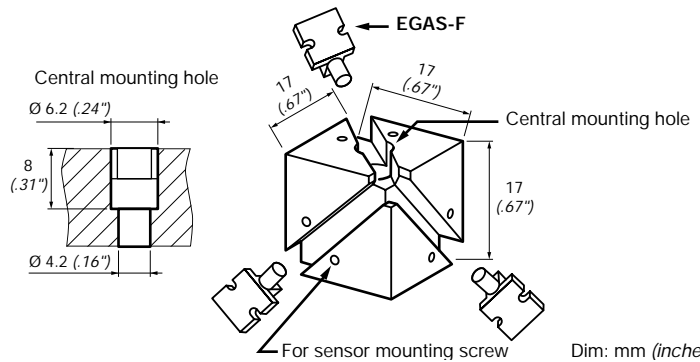
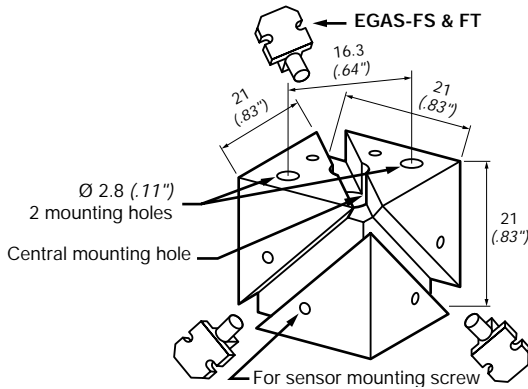


Dim: mm (inches)

Triaxial Mounting Blocks for up to 3 Single Axis EGAS

MTG-F2 (Purchase Accelerometers separately from mounting blocks)

MTG-F3 (Purchase Accelerometers separately from mounting blocks)




Dim: mm (inches)

EGAS3 Multiaxial Series - Specifications for each individual axis

g RANGES "FS"	g OVERRANGE LIMIT	FREQUENCY RESPONSE $\pm 1/2dB$ nom./min.	NATURAL FREQUENCY nom.	SENSITIVITY mV/g nom.	OUTPUT "FSO" mV nom.
± 5	± 500	0 to 150/80 Hz	300 Hz	20	± 100
± 10	± 1000	0 to 200/120 Hz	400 Hz	10	± 100
± 25	± 2500	0 to 400/240 Hz	800 Hz	4	± 100
± 50	± 5000	0 to 600/350 Hz	1200 Hz	2	± 100
± 100	± 10000	0 to 900/500 Hz	1800 Hz	1	± 100
± 250	± 10000	0 to 1300/750 Hz	2600 Hz	0.4	± 100
± 500	± 10000	0 to 1750/1000 Hz	3500 Hz	0.2	± 100
± 1000	± 10000	0 to 2500/1500 Hz	5000 Hz	0.1	± 100
± 2500	± 10000	0 to 3500/2000 Hz	7000 Hz	0.04	± 100

EXCITATION: 15VDC
IMPEDANCE IN: 1300 Ω nom. typ.
IMPEDANCE OUT: 1500 Ω nom.
COMB. NON-LINEARITY & HYSTERESIS: $\pm 1\%$
TRANSVERSE SENSITIVITY: 2% max
DAMPING RATIO AT 20°C (70°F): 0.7 nom. (0.5 to 0.9)
OVERRANGE STOPS: Integral
THERMAL ZERO SHIFT: $\pm 1mV/50^\circ C$ ($\pm 1mV/100^\circ F$)
THERMAL SENSITIVITY SHIFT (TSS): $\pm 2.5\%/50^\circ C$ ($\pm 2.5\%/100^\circ F$)
OPERATING TEMPERATURE: -40°C to 120°C (-40°F to 250°F)
COMPENSATED TEMPERATURE: 20°C to 80°C (70°F to 170°F)
ZERO OFFSET AT 20°C (70°F): $\pm 15mV$ typ.

 www.entran.com	EGAS3 ACCELEROMETERS Triaxial Miniature Rugged	Entran Sensors & Electronics USA: Fairfield, NJ UK: Garston, Watford, Herts, England Europe: Les Clayes-sous-Bois, France		
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EGAS3 specifications continued ...

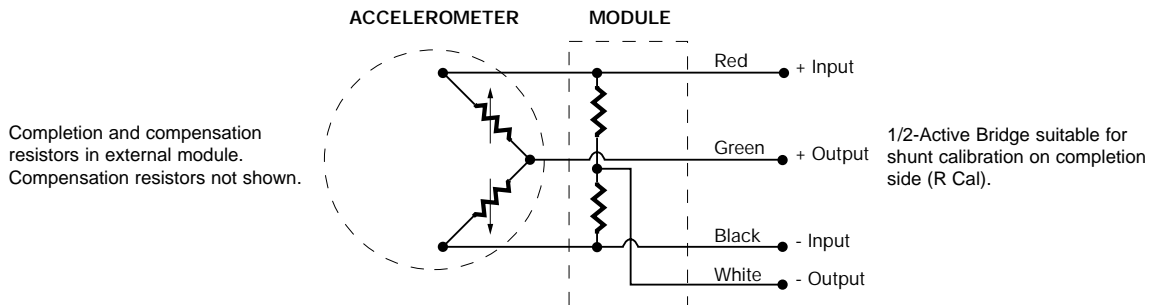
Options and Accessories (for all individual axes):

COMPENSATED TEMPERATURE RANGES:	STANDARD	= 20°C to 80°C (70°F to 170°F)
	Z1	= -20°C to 40°C (0°F to 100°F)
	Z2	= 0°C to 60°C (32°F to 140°F)
	Z4	= 40°C to 90°C (100°F to 200°F)
	Z*	= Non-standard, contact Entran
EXCITATION VOLTAGE:	STANDARD	= 15VDC
	V00	= Replace "00" with Excitation between 1 and 15. If less than 15, Sensitivity (FSO) will decrease accordingly.
	V*	= Non-standard Excitation with standard FSO and non-standard TSS, contact Entran.
SPECIAL LEAD LENGTH:	L00F	= Replace "00" with total length in feet.
	L00M	= Replace "00" with total length in meters.
CONNECTOR WIRED TO LEADS OR CABLE:	C	= Microtech type male or equivalent (w/o mate)
	RS	= RJ Telephone type male for cable (w/o mate)
MATING CONNECTORS FOR CONNECTOR OPTIONS:	See Cable and Connector Bulletins	

Model Number construction:

EGAS3 Series	-C Housings	-	10 Range X Axis	/50 Range Y Axis	/50 Range Z Axis	-	/Z1/L2M/RS Options applied to all axes C or RS L00F or L00M V1 thru V15 or V* Z1,Z2,Z4, or Z*
EGAS3	-C, -CM		(For all axes if Y and Z are blank)				
<u>Mounting Blocks</u> MTG-F2 MTG-F3							

Wiring for each separate axis:



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