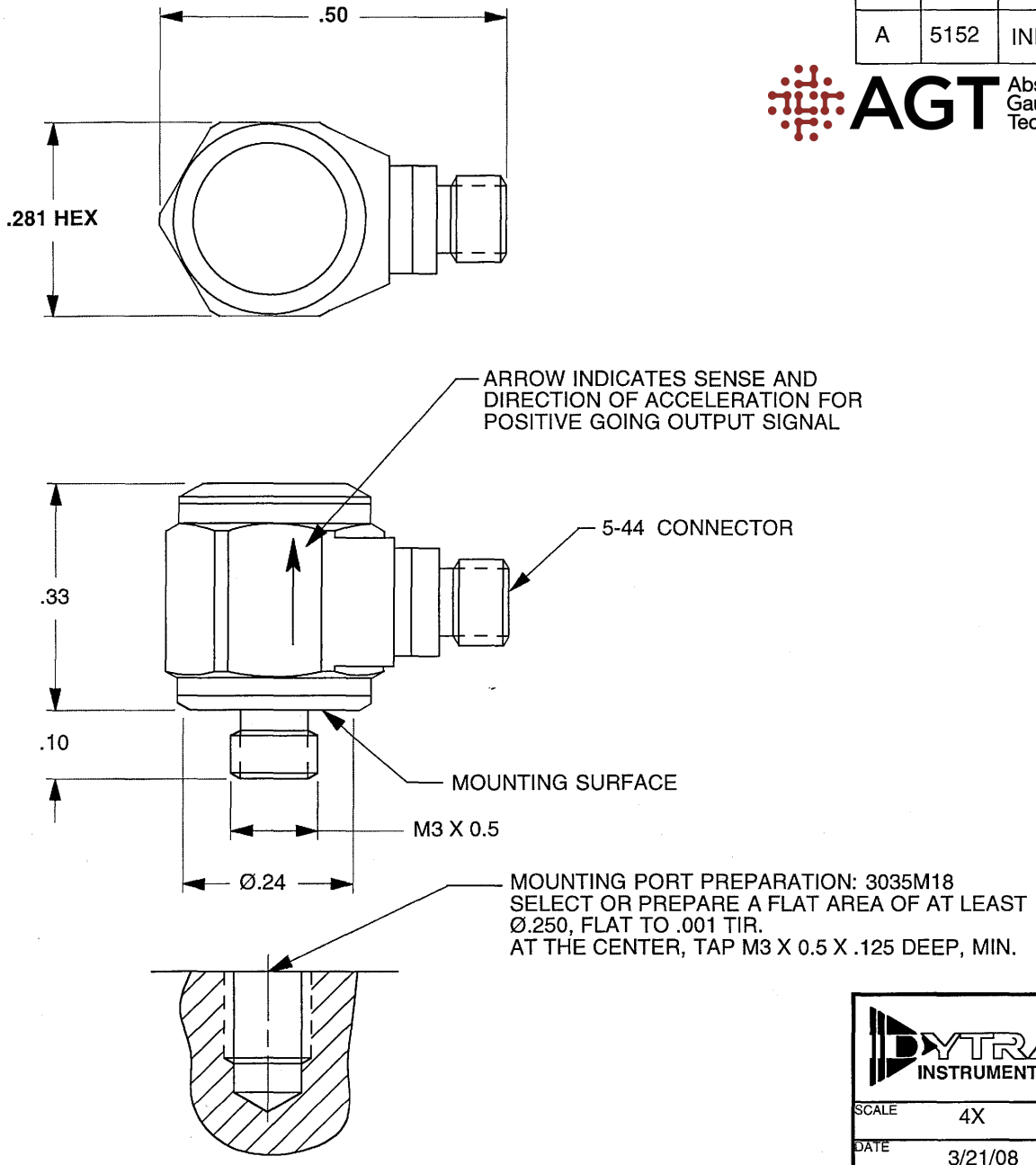
REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5152	INITIAL RELEASE	RLA 3/21/08	CAS	CAS

AGT Absolute Gauge Technologies™
Presented by: Absolute Gauge Technologies
sales@absolutegauge.com; www.absolutegauge.com,
Toronto: 416 754 3168, Montreal: 514 695 5147, Toll Free: 1 888 754 7008



2. MOUNTING TORQUE ON .281 HEX: 3 TO 4 LB.-IN.
1. WEIGHT: 2.5 GRAMS.

DYTRAN INSTRUMENTS, INC. CHATSWORTH, CA.

MASTER
ONLY IF IN RED

SCALE 4X	REV -	DATE SEE REV BLOCK	ECN -		
DATE 3/21/08	PART NO. MODELS 3035M18				
DRAWN R.A.	CHECKED CAS	MAT'L			
APPROVED 3-24-08	NEXT ASSEMBLY	USED ON			

TITLE
OUTLINE/INSTALLATION DRAWING, MODELS 3035M18

DWG NO. **127-3035M18**

SHEET 1 OF 1

Model Number		DOC NO
3035M18	**PERFORMANCE SPECIFICATIONS**	PS3035M18
	IEPE ACCELEROMETER	REV A, ECN 11126, 07/7/14



- **MINATURE SIZE**
- **HERMETICALLY SEALED**
- **STUD MOUNT**

	ENGLISH		SI	
PHYSICAL				
Weight, Max.	0.09	oz	2.5	grams
Connector	5-44 Coaxial		5-44 Coaxial	
Mounting Provision	M3x0.5 Integral Stud		M3x0.5 Integral Stud	
Material, Housing/Connector	300 Series Stainless Steel		300 Series Stainless Steel	
Sensing Element	Ceramic		Ceramic	
Element Style	Shear		Shear	
PERFORMANCE				
Sensitivity, ±10% [1]	10	mV/g	1.0	$mV/m/s^2$
Range for ± 5 Volts Output	±500	g	±4905	m/s^2
Frequency Response, ±10%	0.5 to 10000	Hz	0.5 to 10000	Hz
Resonant Frequency	> 45	kHz	> 45	kHz
Broad Band Resolution	0.007	Grms	0.069	m/s^2 rms
Linearity [2]	±1	% F.S.	±1	% F.S.
Maximum Transverse sensitivity	5	%	5	%
Strain Sensitivity @ 250με	0.002	g/με	0.02	$m/s^2/με$
ENVIRONMENTAL				
Maximum Vibration	600	Gpeak	5884	m/s^2 peak
Maximum Shock	10000	Gpeak	98067	m/s^2 peak
Temperature Range	-60 to +250	°F	-51 to +121	°C
Seal	Hermetic		Hermetic	
ELECTRICAL				
Supply Current Range [3]	2 to 20	mA	2 to 20	mA
Compliance Voltage Range	18 to 30	Volts	18 to 30	Volts
Output Impedance,Typ	100	Ω	100	Ω
Bias Voltage	11 to 13	VDC	11 to 13	VDC
Discharge Time Constant	1 to 2	Sec	1 to 2	Sec
Electrical Isolation	Case Grounded	GΩ,min	Case Grounded	GΩ,min

This family also includes:

Model	Range F.S. (g)	Sensitivity (mV/g)	Time Constant (Sec)

Refer to the performance specifications of the products in this family for detailed description

Supplied Accessories:

1) Accredited calibration certificate (ISO 17025)

Notes:

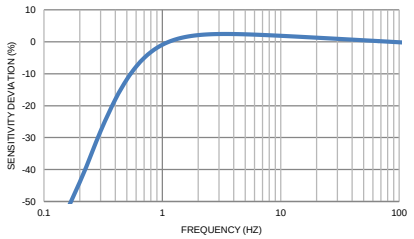
[1] Measured at 100Hz, 1 Grms per ISA RP 37.2.

[2] Measure using zero-based straight line method, % of F.S. or any lesser range.

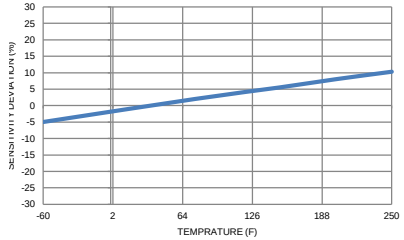
[3] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.

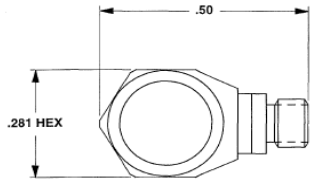
[4] In the interest of constant product improvement, we reserve the right to change specifications without notice.

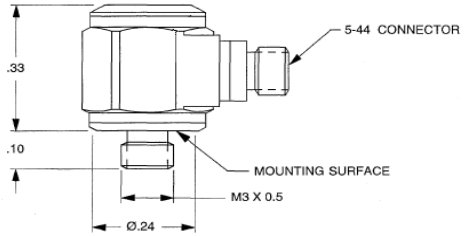
TYPICAL LOW FREQUENCY RESPONSE



TYPICAL TEMPERATURE RESPONSE







Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3035M18 for more information.

DYTRAN INSTRUMENTS, INC.

21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.700.7880 www.dytran.com

For permission to reprint this content, please contact info@dytran.com

AGT Absolute Gauge Technologies™

Presented by: Absolute Gauge Technologies
sales@absolutegauge.com; www.absolutegauge.com,
Toronto: 416 754 3168, Montreal: 514 695 5147, Toll Free: 1 888 754 7008