Model Number 357C71

CHARGE OUTPUT ACCELEROMETER

Revision: F ECN #: 55874

ENGLISH	SI	
=		[1]
=		[2]
≤ 5 %	≤ 5 %	[3]
± 2,000 g pk		
-65 to +900 °F	-54 to +482 ℃	
See Graph	See Graph	[4]
0.033 g/με		[4]
1 E10 N/cm ²	1 E10 N/cm ²	
1 E8 rad	1 E8 rad	
600 pF	600 pF	[4]
26 pF	26 pF	[4]
≤ 2 pF	≤ 2 pF	
> 10 ⁸ Ohm	> 10 ⁸ Ohm	[4]
Differential	Differential	
Coromic	Coramic	
		[4]
		[4]
Tillough Holes (3)	Tillough Holes (3)	
	10 pC/g ± 1,000 g pk 4 kHz ≥ 25 kHz ≤ 1 % ≤ 5 % ± 2,000 g pk -65 to +900 °F -65 to +900 °F See Graph 0.033 g/με 1 E10 N/cm² 1 E8 rad 600 pF 26 pF	10 pC/g

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

EX - Hazardous Area Approval- contact factory for specific approvals

Hazardous Area Approval	Ex ia IIC T4, -54°C ≤ Ta ≤ 135°C. II 1 G	Ex ia IIC T4, -54°C ≤ Ta ≤ 135°C. II 1 G
Hazardous Area Approval	Ex ia IIC T1, -54° ≤ Ta ≤ 450 °C. II 1 G	Ex ia IIC T1, -54° ≤ Ta ≤ 450 °C. II 1 G
Hazardous Area Approval	Ex nL IIC T4, -54°C ≤ Ta ≤	Ex nL IIC T4, -54°C ≤ Ta ≤
Hazardous Area Approval	135°C, II 3 G Ex nL IIC T1, -54°C ≤Ta ≤ 450°C, II 3 G	135°C, ll 3 G Ex nL llC T1, -54°C ≤Ta ≤ 450°C, ll 3 G

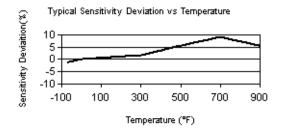
- [1] Low frequency response is determined by external signal conditioning electronics.
- [2]Zero-based, least-squares, straight line method.
- [3]Transverse sensitivity is typically \leq 3%.
- [5]See PCB Declaration of Conformance PS158 for details.

SUPPLIED ACCESSORIES:

Model 081A99 Cap Screw (3)

Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point).

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All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB Piezotronics, Inc.

Entered: ND	Engineer: MA	Sales: KK	Approved: JS	Spec Number:
Date: 09/25/2025	Date: 09/25/2025	Date: 09/25/2025	Date: 09/25/2025	33013



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