

Model Number HT640B02	HIGH TEMPERATURE 4-20 MA OUTPUT VELOCITY SENSOR				Revision: A ECN #: 49753
Performance Measurement Range Output Frequency Range(± 10 %) Broadband Resolution Non-Linearity Environmental Temperature Range Enclosure Rating Electrical Excitation Voltage Settling Time(within 2% of value) Electrical Isolation(Case) Physical Size - Hex Size - Height Weight Mounting Thread Mounting Torque Sensing Element Sensing Geometry Housing Material Sealing Electrical Connector Electrical Connection Position Electrical Connections(Pin A) Electrical Connections(Pin B)	ENGLISH		SI		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. M - Metric Mount Supplied Accessory: Model M081A61 Mounting Stud 1/4-28 to M6 X 1 (1) RV - Buffered Analog Signal Output - 100 mV/g (±20%) Electrical Connector Electrical Connections Electrical Connections 3-Pin MIL-C-5015 4-20 mA Pos (+) 4-20 mA Neg/Signal Output Neg Signal Output Pos 3-Pin MIL-C-5015 4-20 mA Pos (+) 4-20 mA Neg/Signal Output Neg Signal Output Pos
	0.0 to 2 in/sec pk	4-20 mA	0.0 to 50.8 mm/s pk	4-20 mA	
	180 to 60 kcpm		3 to 1 kHz		
	0.005 in/sec pk		0.13 mm/s pk		
	± 1 %		± 1 %		
	-40 to 257 °F		-40 to 125 °C		
	IP68		IP68		
	12 to 30 VDC		12 to 30 VDC		
	< 15 sec		< 15 sec		
	> 10 ⁸ Ohm		> 10 ⁸ Ohm		
	1.0 in		25.4 mm		
	2.6 in		66 mm		
	4.7 oz		131 gm		
	1/4-28 UNF		No Metric Equivalent		
	3 to 5 ft-lb		4 to 7 Nm		
	Ceramic		Ceramic		
	Shear		Shear		
	Stainless Steel		Stainless Steel		
	Welded Hermetic		Welded Hermetic		
	2-Pin MIL-C-5015		2-Pin MIL-C-5015		
	Top		Top		
	4-20 mA Pos (+)		4-20 mA Pos (+)		
	4-20 mA Neg (-)		4-20 mA Neg (-)		
NOTES: [1]Conversion Factor 1 in/sec = 0.0254 m/sec. [2]Current will fluctuate at frequencies below 5 Hz. [3]1Hz = 60 cpm (cycles per minute). [4]Typical. [5]See PCB Declaration of Conformance PS039 for details.					
SUPPLIED ACCESSORIES: Model M081A61 Mounting Stud 1/4-28 to M6 X 1 (1) Model 081A40 Mounting Stud (1) Model ICS-4 NIST-traceable single-axis amplitude response calibration from 0 cpm (0 Hz) to upper 10% frequency for 4 - 20 mA output vibration sensor (1)					
Entered: LK Engineer: NJF Sales: MC Approved: NJF Spec Number:					
Date: 07/24/2019 Date: 07/24/2019 Date: 07/24/2019 Date: 07/24/2019 32369					
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.					

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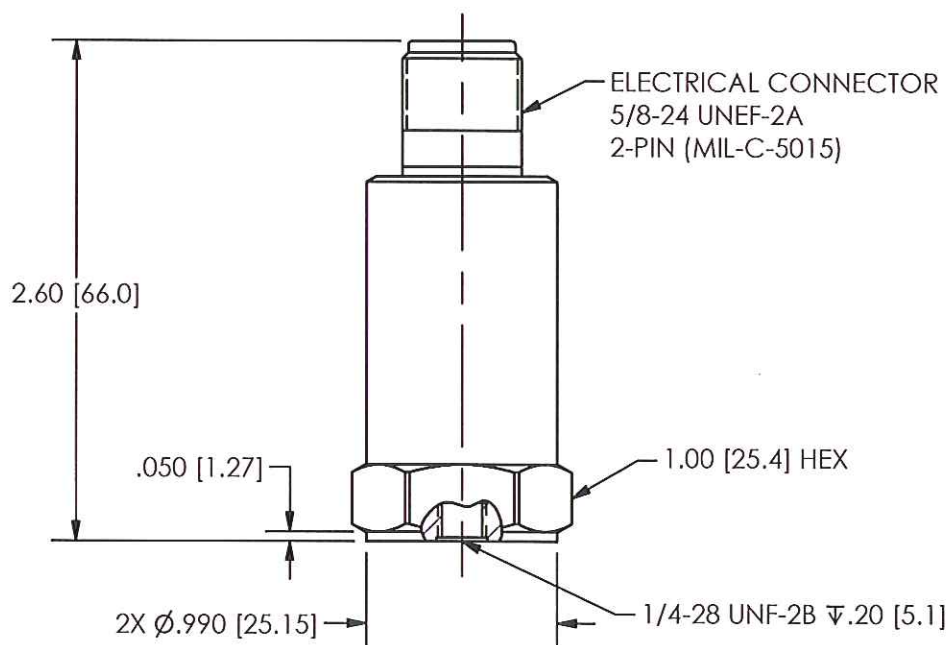
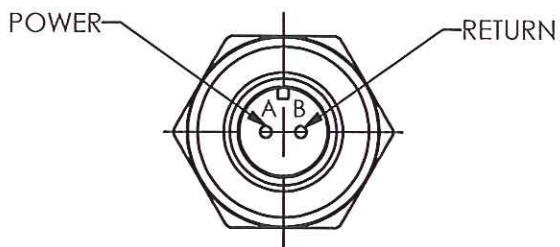
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REVISIONS

REV	DESCRIPTION	ECO
C	REMOVED TABLE	34217

25316

TOP VIEW OF CONNECTOR



UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

DIMENSIONS IN INCHES

DECIMALS XX ± 0.03
XXX ± 0.010

ANGLES ± 2 DEGREES

FILLETS AND RADII
.003 - .005

DIMENSIONS IN MILLIMETERS
[IN BRACKETS]

DECIMALS X ± 0.8
XX ± 0.25

ANGLES ± 2 DEGREES

FILLETS AND RADII
0.07 - 0.13

DRAWN

CHECKED

ENGINEER

TITLE

OUTLINE DRAWING
MODEL 640BOX, M, 641BOX, M
4-20 mA VELOCITY TRANSMITTER



PCB PIEZOTRONICS INC

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CODE
IDENT. NO.
52681

DWG. NO.

25316

SCALE: FULL

SHEET 1 OF 1

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