Model Number CS640B91	OOP POWERED, CU	IRRENT OUTPU	T, IN	DUSTRIA		TION SEN	ISUB 1	Revision: A ECN #: 42133	
Performance	ce ENGLISH SI				OPTIONAL VERSIONS				
Measurement Range	0.0 to 1 in/sec pk	0.0 to 25.4 mm/s pk	[1]	Optional versions have identical specifications and accessories as listed for the standard model					
Output	4-20 mA	4-20 mA				elow. More than one			
Frequency Range(± 3 dB)	180 to 60,000 cpm	3 to 1000 Hz	[2][3]						
Broadband Resolution	0.005 in/sec pk	0.13 mm/s pk	[4]						
Non-Linearity	±1%	±1%							
Environmental									
Temperature Range	-40 to 176 °F	-40 to 80 °C							
Hazardous Area Approval	Ex ia, AExia IIC T4	Ex ia, AExia IIC T4							
Hazardous Area Approval	Ex na, AExnA IIC T4	Ex na, AExnA IIC T4							
Hazardous Area Approval	Class I Div 1 Groups A, B, C, D	Class I Div 1 Groups A, B, C, D							
Hazardous Area Approval	Class I Div 2 Groups A, B, C, D	Class I Div 2 Groups A, B, C, D							
Hazardous Area Approval	Class II Div 1 Groups E, F, G	Class II Div 1 Groups E, F, G		NOTES:					
Hazardous Area Approval	Class III	Class III			actor 1 in/sec = 0.02	54 m/sec			
Electrical					ctuate at frequencie				
Excitation Voltage	12 to 30 VDC	12 to 30 VDC		[3] 1Hz = 60 cpm	(cycles per minute)				
Settling Time(within 2% of value		<15 sec		[4] Typical.					
Electrical Isolation(Case)	>10 ⁸ Ohm	>10 ⁸ Ohm		[5] See PCB Decl	aration of Conforma	ance PS039 for deta	ils.		
Physical									
Size (Hex x Height)	3.85 in x 5.52 in	98 mm x 140 mm							
Weight	1.2 lb	544 gm							
Mounting Thread	1/4 NPT	No Metric Equivalent							
Sensing Element	Ceramic	Ceramic							
Sensing Geometry	Shear	Shear							
Housing Material	Stainless Steel	Stainless Steel							
Electrical Connector	Integral Cable	Integral Cable							
Electrical Connection Position	Тор	Тор							
Electrical Connections(Positive	(+)) 18 AWG Red	18 AWG Red							
Electrical Connections(Negative	(-)) 18 AWG Black	18 AWG Black		SUPPLIED AC					
Wire Length	36 in	91.44 cm		Model ICS-4 NIST	-traceable single-a	xis amplitude respor utput vibration senso	nse calibration fro	om 0 cpm (0 Hz) to	
				Entered: AP	Engineer: gs	Sales: BRS	Approved: BAN	1 Spec Number:	
R.				Date: 11/27/2013	Date: 11/27/2013	Date: 11/27/2013	Date: 11/27/20	13 56155	
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 Group, Inc.				Phone: 800-959-4464 Fax: 716-684-3823 E-Mail: imi@pcb.com					