Model Number EX603C10	LOW-COST INDUSTRIAL ICP® A				<b>EROMET</b>	ER		Revision: NR ECN #: 52852
		OPTIONAL VERSIONS						
erformance	ENGLISH 10 mV/g	<b>SI</b> 1.02 mV/(m/s²)	[1]	Optional versions	have identical speci	fications and accessori	es as listed for the st	andard model exe
ensitivity(± 20 %)		$\pm 4.905 \text{ m/s}^2$	[1]		where noted b	elow. More than one o	ption may be used.	
easurement Range	± 500 g	1	[2]	M Matric Ma	unt			
equency Range(± 3 dB)	30 to 600,000 cpm	0.5 to 10,000 Hz	[2]	M - Metric More	int orv: Model M081A6	51 Mounting Stud 1/4-	28 to M6 X 1 (1)	
sonant Frequency	1,500 kcpm	25 kHz	[3]			n wounting staa 1/4		
badband Resolution(1 to 10,000 Hz)	2,000 µg	19,620 µm/sec <sup>2</sup>	[3]	<b>TO</b> - Temperat Temperature O Temperature So	ure Output			
on-Linearity	±1%	±1%	[4]	Temperature O	utput Range	36 to 250 °F 5.56 mV/°F + 32		2 to 121 °C +10 mV/°C
ansverse Sensitivity	≤ 7 %	≤ 7 %		Electrical ( onne	ctions(Red)	Acceleration Outp	out Acce	leration Output
vironmental				Electrical Conne Electrical Conne Electrical Conne	ctions(Black)	Ground		Ground
erload Limit(Shock)	5,000 g pk	49,050 m/s² pk		Electrical Conne	ctions(White)	Temperature Out Ground	out Temp	perature Output Ground
nperature Range	-65 to +250 °F	-54 to +121 °C		Liectrical Conne	cuolis(Green)	Ground		Ground
mperature Response	See Graph	See Graph	[3]					
closure Rating	IP68	IP68						
ectrical								
tling Time(within 1% of bias)	≤ 3.0 sec	≤ 3.0 sec	[3]					
charge Time Constant	≥ 0.4 sec	≥ 0.4 sec						
citation Voltage	18 to 28 VDC	18 to 28 VDC						
nstant Current Excitation	2 to 20 mA	2 to 20 mA						
tput Impedance	< 150 Ohm	< 150 Ohm						
tput Bias Voltage	8 to 12 VDC	8 to 12 VDC						
ectral Noise(10 Hz)	85 µg/√Hz		[3]					
		834 (µm/sec <sup>2</sup> )/√Hz						
ectral Noise(100 Hz)	20 µg/√Hz	196 (µm/sec <sup>2</sup> )/√Hz	[3]					
ectral Noise(1 kHz)	5 µg/√Hz	49.1 (µm/sec <sup>2</sup> )/√Hz	[3]					
ctrical Isolation(Case)	> 10 <sup>8</sup> Ohm	> 10 <sup>8</sup> Ohm						
	> 10° Onm	> 10- Onm						
ysical		10 110						
e (Hex x Height)	11/16 in x 4.7 in	18 mm x 119 mm						
eight(without cable)	1.8 oz	51 gm						
ounting Thread	1/4-28 Female	1/4-28 Female	[5]					
ounting Torque	2 to 5 ft-lb	2.7 to 6.8 Nm						
nsing Element	Ceramic	Ceramic						
nsing Geometry	Shear	Shear						
using Material	Stainless Steel	Stainless Steel						
aling	Welded Hermetic	Welded Hermetic		NOTES:				
ectrical Connector	Molded Integral Cable	Molded Integral Cable			actor 1g = 9.81 m/s			
ectrical Connection Position	Тор	Тор			uency tolerance is a	accurate within ±10% c	of the specified freque	ency.
ble Length	10 ft	3.0 m		[3]Typical.				
ble Type	Polyurethane	Polyurethane	[6]		east-squares, straig			
					o equivalent in S.I. u	inits.		
				[6]Twisted shie	ded pair.			
				[7]See PCB Dec	aration of Conforma	ance PS023 or PS060 f	or details.	
	D Trainel Const							
	Sensitive Sen	tivity Deviation vs Tem	perature					
	Typical Sensitivity Deviation vs Temperature			SUPPLIED ACCESSORIES: Model 081A40 Mounting Stud				
					T-traceable single-p	point amplitude respor	se calibration at 600	0 cpm (100 Hz) fo
L	ë 0			each axis (1)				
	.≩ -10			Model M081A61	Mounting Stud 1/4	-28 to M6 X 1 (1)		
[.]	-20							
	-20							
	ନ୍ଥି -70 -30	10 50 90 130 1	170 210 250					
	0)							
		Temperature (°F)		Entered: ND	Engineer: gs	Sales: JL	Approved: BAM	Spec Number
								•
				Date: 05/18/2022	Date: 05/18/202	2 Date: 05/18/2022	Date: 05/18/2022	2 76532
Ex)(SP.º				A	CENCOD	Phone:	800-959-4464	
					<i>らトNS/ IP</i>	🖌 🖌 Fax: 71	6-684-3823	
							: imi@pcb.com	
specifications are at room temperature	unless otherwise specified				ZOTRONICS DI	IV.	: imi@pcb.com	
specifications are at room temperature the interest of constant product improved		ange specifications without	notice.		ZOTRONICS DI enue, Depew, NY 14	IV.	: imi@pcb.com	