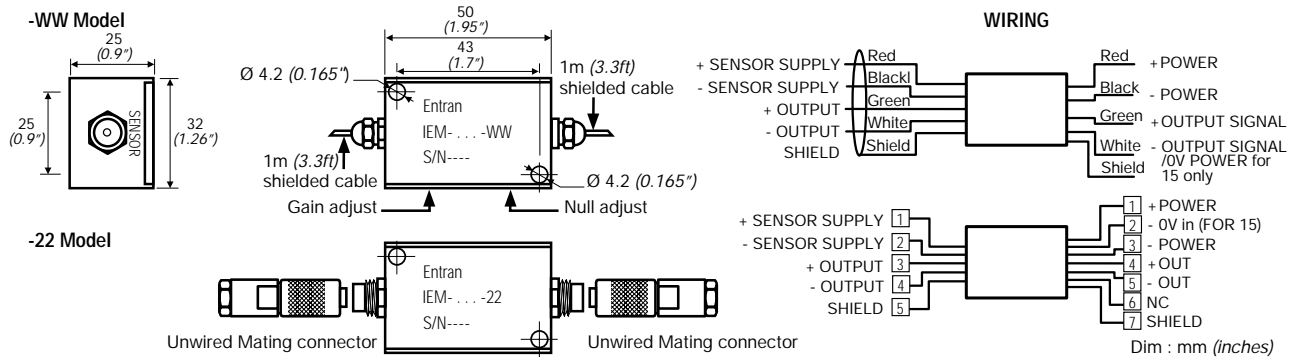


IEM Amplifiers



High Performance

IEM Amplifier



Amplifier Performance

GAIN (G):	10 to 1000 adjustable	
BANDWIDTH (-3dB) nom.:	50KHz	
POWER REQUIRED:	15 = ±15VDC	12U = 8 to 28VDC Unreg.
INPUT CURRENT WITHOUT SENSOR:	10mA for Power type 15	40mA for Power type 12U
OUTPUT SIGNAL max.:	±13V for Power type 15	±5V for Power type 12U
OUTPUT CURRENT max.:	5mA	
BASE LINE (NULL) ADJUSTABILITY:	±5V for Power type 15	±2.5V for Power type 12U
NON-LINEARITY max.:	0.1%	
INPUT IMPEDANCE nom.:	10MΩ	
OUTPUT IMPEDANCE nom.:	100Ω	
INPUT PROTECTION:	Reverse Polarity and Surge Protected (600V, 10µs & 60V, 0.1s)	

Supply For Sensors, General Characteristics, Options & Accessories

SENSOR SUPPLY VOLTAGE:	05 = 5V for Power type 12U 05 = 5V or 10 = 10V or 15 = 15V for Power type 15
SENSOR SUPPLY CURRENT max.:	20mA
COMMON MODE REJECTION:	120dB
CE CONFORMANCE:	EN61010-1, EN 50081-1, EN 50082-1
OPERATING TEMPERATURE:	-20°C to 70°C (-4°F to 158°F)
STORAGE TEMPERATURE:	-55°C to 125°C (-67°F to 257°F)
WIRING:	WW = Shielded cable input and output 22 = Binder cylindrical connector (input/output) with unwired mate
SPECIAL CABLE LENGTH ON TYPE WW ONLY:	L00F = Replace "00" with total length in feet. L00M = Replace "00" with total length in meters.
CONNECTOR WIRED TO OUTPUT CABLE TYPE WW:	C = Microtech type male or equivalent (w/o mate) RS = RJ Telephone type male (w/o mate) WI = Wire to sensor
WIRE AMPLIFIER INPUT TO A SENSOR:	
MATING CONNECTORS FOR CONNECTOR OPTIONS:	See Cable and Connector Bulletins

Model Number construction

IEM Series	-	15	/05	/1000R	-	W	W	-	/WI/L3M
		Power Required	Sensor Supply Voltage	Gain		(IN)	(OUT)		Options
		15	05 10 15	1000R		WW			C or RS
		12U	05			22			L00F or L00M
			05 10 15						WI

<p>www.entran.com</p>	<p>IEM AMPLIFIERS High Performance</p>	<p>Entran Sensors & Electronics USA: Fairfield, NJ UK: Garston, Watford, Herts, England Europe: Les Clayes-sous-Bois, France</p>		
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