

Complete Line of Standard Acoustic Emission Sensors

(Special and customized sensors are available upon request)



Sensor Model	6/18/2010	Dimension Dia x HT (mm [inch]) (1)	Weight (gm)	Operating Temperature (°C)	Shock Limit (g) (2)	Case Material	Face Material	Connector Type	Connection Location	Peak Sensitivity dB [ref. 1V/(m/s) [1V/lubar]	Operating Freq. Range (kHz) *	Resonant Frequency (kHz)	Directivity (dB)	Grounding	Seal Type	Comments	Recommended Accessories
General Purpose Sensors																	
A3		16x22 [.4x.9]	31	-65 to 177	500	Stainless Steel (304)	Stainless Steel (304)	Microdot	10-32	81 [-73]	30-55	30 [35]	±1.5	A	EPOXY	10-32 Stud Mount	1232-1 Cable, MHSTD Hold-Down
D9241A		24x20 [.94x.79]	56	-45 to 125	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	82 [-70]	20-60	30	N/A	B	EPOXY	Differential w/ 1 Meter Cable	MHD9241A Hold-Down
R3a		19x22 [.75x.88]	41	-65 to 175	500	Stainless Steel (304)	Ceramic	SMA	SIDE	80 [-63]	25-70	29	±1.5	B	EPOXY		1232-x SMA Cable MHR15A Hold-Down
R6																Refer to R6a	
R6a		19x22 [.75x.88]	38	-65 to 175	500	Stainless Steel (304)	Ceramic	SMA	SIDE	75 [-64]	35-100	55 [90]	±1.5	B	EPOXY		1232-x SMA Cable MHR15A Hold-Down
R6S		19x22 [.75x.84]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	75 [-64]	35-100	55 [90]	±1.5	B	EPOXY	Integrated w/ 1 m BNC cable	MHSTD Hold-Down
R15																Refer to R15a	
R15a		19x22 [.75x.88]	34	-65 to 177	500	Stainless Steel (304)	Ceramic	SMA	SIDE (3)	69 [-63]	50-400	75 [150]	±1.5	B	EPOXY	(6)	1232-x SMA Cable MHR15A Hold-Down
R15D		18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	69 [-63]	50-400	75 [150]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	MHSTD Hold-Down
R15S		18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	69 [-63]	50-400	75 [150]	±1.5	B	EPOXY	Integrated w/ 1m BNC cable	MHSTD Hold-Down
R30																Refer to R30a	
R30a		19x22 [.75x.88]	29	-65 to 177	500	Stainless Steel (304)	Ceramic	SMA	SIDE	58 [-62]	150-400	300 [330]	±1.5	B	EPOXY		1232-x SMA Cable MHR15A Hold-Down
R30D		18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	58 [-62]	150-400	300 [330]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	MHSTD Hold-Down
R30S		18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	58 [-62]	150-400	300 [330]	±1.5	B	EPOXY	Integrated w/ 1m BNC cable	MHSTD Hold-Down
R50																Refer to R50a	
R50a		19x22 [.75x.88]	32	-65 to 177	500	Stainless Steel (304)	Ceramic	SMA	SIDE	62 [-62]	100-700	100 [500]	±1.5	B	EPOXY		1232-x SMA Cable MHR15A Hold-Down
R50D		18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	62 [-62]	100-700	100 [500]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	MHSTD Hold-Down

R50S	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	62 [-62]	100-700	100 [500]	±1.5	B	EPOXY	Integrated w/ 1 meter BNC cable	MHSTD Hold-Down
R80															Refer to R80a	
R80a	19x21 [.75x.85]	32	-65 to 177	500	Stainless Steel (304)	Ceramic	SMA	SIDE	58 [-62]	200-1000	200 [800]	±1.5	B	EPOXY		1232-x SMA Cable MHR15A Hold-Down
R80D	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	58 [-62]	200-1000	200 [800]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	MHSTD Hold-Down
R80S	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	58 [-62]	200-1000	200 [800]	±1.5	B	EPOXY	Integrated w/ 1m BNC cable	MHSTD Hold-Down
General Purpose Intergral Preamp Sensors																
CH6I	29x39 [1.13x1.54]	56	-35 to 75	500	Anodized Aluminum	Ceramic	BNC	SIDE	117 [-23]	40-100	55 [98]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation	1234-x Cable, MHR6I Hold-Down
CH15I	29x33 [1.13x1.28]	51	-35 to 75	500	Anodized Aluminum	Ceramic	BNC	SIDE	109 [-22]	60-200	75 [150]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation	1234-x Cable, MHR15I Hold-Down
CH30I	29x33 [1.13x1.28]	45	-35 to 75	500	Anodized Aluminum	Ceramic	BNC	SIDE	97 [-22]	125-450	300 [350]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation	1234-x Cable, MHR30I Hold-Down
R3I-AST	29x39 [1.13x1.54]	(8)	-35 to 75	500	Stainless Stell (304)	Ceramic	BNC	SIDE (3)	121 [-28]	10-40	25 [31]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation; (6)	1234-x Cable, MHR3I Hold-Down
R6I-AST	29x40 [1.13x1.6]	98	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	117 [-23]	40-100	55 [98]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation; (6)	1234-x Cable, MHR6I Hold-Down
R15I-AST	29x31 [1.13x1.23]	70	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	109 [-22]	80-200	75 [150]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation; (6)	1234-x Cable, MHR15I Hold-Down
R30I-AST	29x31 [1.13x1.23]	75	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	97 [-22]	200-450	300 [350]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation; (6)	1234-x Cable, MHR30I Hold-Down
R50I-AST	29x30 [1.13x1.16]	70	-35 to 75	500	Stainless Stell (304)	Ceramic	BNC	SIDE (3)	88 [-26]	300-550	320 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation; (6)	1234-x Cable, MHR50I Hold-Down
WDI	29x30 [1.13x1.16]	70	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	96 [-25]	200-900	125 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation	1234-X Cable, MHR6I Hold-Down
Wideband Sensors																
D9202B	18x17 [.7x.65]	(8)	-65 to 125	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	55 [-53]	400-700	475 [575]	±1.5	B	EPOXY	True Differential Design	MHSTD Hold-Down
D9203B	18x17 [.7x.65]	(8)	-65 to 125	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	65 [-60]	150-900	175 [500]	±1.5	B	EPOXY	True Differential Design	MHSTD Hold-Down
S9208	25x25 [1x1]	90	-54 to 121	10	Stainless Steel (304)	Stainless Steel (304)	Microdot 10-32	SIDE	45(4) [-85]	200-1000	500 [500]	±1.5	A	SOLDER	Displacement Transducer	1232-1 Cable
UT-1000	18x17 [.7x.65]	20	-65 to 177	500	Stainless Steel (304)	Ceramic	Microdot 10-32	SIDE	64 [-73]	100-950	60 [450]	±1.5	B	EPOXY		MHSTD Hold-Down
WD	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	55 [-62.5]	100-900	125 [650]	±1.5	B	EPOXY	True Differential Design	MHSTD Hold-Down
WDI	29x30 [1.13x1.16]	70	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	96 [-25]	200-900	125 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-amp for 15-28v operation	1234-X Cable, MHR6I Hold-Down

WSa	19x21 .75x.85	32	-65 to 175	500	Stainless Steel (304)	Ceramic	SMA	SIDE	55 [-62]	150-900	125 [650]	±1.5	B	EPOXY		1232-x SMA Cable, MHR15A Hold-Down
Low Frequency Sensors																
R.45	28.6x40.6 [1.125"x1.55"]	121	-45 to 150	500	Stainless Steel (304)	Ceramic	BNC	SIDE	85	5-30	20	±1.5	B	EPOXY		1234-X Cable, MHSTD Hold-Down
R1.5	28.6x40.6 [1.125"x1.55"]	100	-35 to 150	500	Stainless Steel (304)	Stainless Steel (304)	BNC	SIDE	85	5-20	14	±1.5	A	EPOXY		1234-X Cable, MHSTD Hold-Down
R.45I	29x50 [1.125x2.0]	140	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE	124	5-30	20	±1.5	B	EPOXY		1234-X Cable
R1.5I	28.6x40.6 [1.125"x1.55"]	130	-35 to 75	500	Stainless Steel (304)	Stainless Steel (304)	BNC	SIDE	124	5-20	14	±1.5	A	EPOXY		1234-X Cable
PK3I	20.6x27 [0.812x1.06]	52	-35 to 80	500	Stainless Steel (304)	Ceramic	SMA	SIDE	106	15-40	38	±1.5			26dB Preamp 5v-7v	1234-SMA/BNC-X
Medium Frequency																
PK6I	20.6x27 [0.812x1.06]	45	-35 to 80	500	Stainless Steel (304)	Ceramic	SMA	SIDE	106	35-65	55	±1.5				1234-SMA/BNC-X
Miniature Sensors (General Purpose)																
HD15	8 x 9.5 [.313 x .375]	3	-65 to 125	500	Stainless Steel (304)	Stainless Steel	BNC or SMA	TOP	[-66]	130-530	[150]	N/A	A	EPOXY	2 lb-in mounting torque	
HD2WD	5x4x11 [.18x.14x.44]	2.5	-65 to 125	500	Anodized Aluminum	Anodized Aluminum	BNC or SMA	SIDE	[-70]	330-1850	N/A	N/A	A	EPOXY	(10)	
HD50	6.2x14 [.25x.56]	1	-65 to 125	500	Brass	Brass	BNC or SMA	TOP	[-70]	400-750	500	N/A	A	EPOXY	(10)	
Micro30	10x12 [.4x.5]	5	-65 to 177	500	Stainless Steel (304)	Ceramic	Microdot 10-32	SIDE (3)	65 [-67.5]	150-400	125 [225]	±1.5	B	EPOXY	(6); (9); (10)	1232-1 cable
Micro30D	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	65 [-67.5]	150-400	125 [225]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	
Micro30S	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	65 [-67.5]	150-400	125 [225]	±1.5	B	EPOXY	(6); Integrated w/ 1m BNC cable	
Micro80	10x12 [.4x.5]	5	-65 to 177	500	Stainless Steel (304)	Ceramic	Microdot 10-32	SIDE	57 [-65]	200-900	250 [325]	±1.5	B	EPOXY	(9); (10)	1232-1 cable
Micro80D	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	57 [-65]	200-900	250 [325]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	
Micro80S	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	57 [-65]	200-900	250 [325]	±1.5	B	EPOXY	(6); Integrated w/ 1m BNC cable	
Micro100	10x12 [.4x.5]	5	-65 to 177	500	Stainless Steel (304)	Ceramic	Microdot 10-32	SIDE	[-64]	200-950	250 [325]	±1.5	B	EPOXY	(9); (10)	1232-1 cable
Micro100D	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	[-64]	200-950	250 [325]	±1.5	B	EPOXY	Differential w/ 1m Dual BNC cable	
Micro100S	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)		200-950	250 [325]	±1.5	B	EPOXY	(6); Integrated w/ 1m BNC cable	
Micro200HF	10x12 [.4x.5]	5	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	62 [-72]	400-1800	N/A	±1.5	B	EPOXY	(10)	1232-1 cable
Nano30	8x8 [0.3x0.3]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	62 [-72]	150-400	140 [300]	±1.5	B	EPOXY	(6)	
PICO	5x4 [.2x.15]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	54 [-75]	200-750	250 [500]	±1.5	B	EPOXY	(6); (10)	
PICO HF-1.2	5x4 [.2x.15]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	[-72]	500-1850	[550]	±1.5	B	EPOXY	(10)	
S9225	3.6x2.4 [.15x.1]	(8)	-54 to 121	500	Anodized Aluminum	Anodized Aluminum	BNC	SIDE	48 [-77.5]	300-1800	250 [600]	±1.5	B	EPOXY	Smallest Dimension	

Intrinsically Safe Sensors

ISR.45	33x43 [1.32x1.68]	155	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	87 [N/A]	3-30	7 [N/A]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISR1.5	33x36 [1.32x1.42]	120	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	87 [N/A]	5-20	15 [N/A]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISR3	33x36 [1.32x1.42]	120	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	80 [-63]	10-50	29	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISR6	23x19 [.89x.76]	33	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	76 [-63]	35-100	50 [850]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISR15	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	69 [-62]	50-200	75 [150]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISR30	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	58 [-64]	150-400	300 [350]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISR50	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	62 [-65]	100-700	100 [500]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISD9203B	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	65 [-60]	150-850	175 [500]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278
ISWD	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	55 [-63]	150-850	125 [500]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	1276, 1278

Differential Sensors

D9241A	24x20 [.94x.79]	(8)	-45 to 125	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	85 [-70]	10-60	30	±1.5	B	EPOXY	Differential with 1 meter cable	
R6D	19x22 [.75x.84]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	75 [-64]	35-100	55 [90]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	MHSTD Hold-Down
R15D	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	69 [-63]	50-200	75 [150]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	MHSTD Hold-Down
R30D	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	58 [-62]	150-400	300 [330]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	MHSTD Hold-Down
R50D	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	62 [-62]	100-700	100 [500]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	MHSTD Hold-Down
R80D	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	58 [-62]	200-1000	200 [800]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	MHSTD Hold-Down
D9202B	18x17 [.7x.65]	(8)	-65 to 125	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	55 [-53]	400-800	475 [575]	±1.5	B	EPOXY	True Differential Design	MHSTD Hold-Down
D9203B	18x17 [.7x.65]	(8)	-65 to 125	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	65 [-60]	150-900	175 [500]	±1.5	B	EPOXY	True Differential Design	MHSTD Hold-Down
WD	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	55 [-62.5]	150-850	125 [650]	±1.5	B	EPOXY	True Differential Design	MHSTD Hold-Down
WDI-AST	29x30 [1.13x.1.16]	70	-45 to 85	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	96 [-25]	150-850	125 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-Amp for 50 Ω load	1234-X Cable, MHSTD Hold-Down
Micro30D	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	65 [-67.5]	100-350	125 [225]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	
Micro80D	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	57 [-65]	175-900	250 [325]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	
Micro100D	10x12 [.4x.5]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	Dual BNC	SIDE	62 [-64]	200-900	250 [325]	±1.5	B	EPOXY	Differential with 1 meter Dual BNC connector cable	
ISD9203B	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	65 [-60]	150-850	175 [500]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	
ISWD	23x19 [.89x.76]	27	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	55 [-63]	150-850	125 [650]	±1.5	B	EPOXY	2 Meter Pigtail Cable. Maximum 5 Meters	

High Temperature Sensors

D9215	20x20 [.8x.8]	(8)	-200 to 540	500	Inconel 600	Inconel 600	Dual BNC	SIDE	52 [-82]	50-650	60 [100]	±1.5	A	WELDED	Certificated Nuclear Radiation Resistant	
S9215	20x20 [.8x.8]	(8)	-200 to 540	500	Inconel 600	Inconel 600	BNC	SIDE	52 [-82]	50-650	60 [100]	±1.5	A	WELDED	(9); Certificated Nuclear Radiation	

Underwater/Underground Sensors																
R6-UC	33x35 [1.31x1.38]	(8)	-35 to 75	500	Stainless Steel/Epoxy	Ceramic	BNC	SIDE	78 [-66]	35-100	50 [90]	±1.5	B	EPOXY		
R6I-UC	33x35 [1.31x1.38]	(8)	-30 to 65	500	Stainless Steel/Epoxy	Ceramic	BNC	SIDE	120 [-26]	35-100	50 [90]	±1.5	B	EPOXY	40 dB Integral Preamp; 500 ft. Underwater	
R15I-UC	33x35 [1.31x1.38]	(8)	-30 to 65	500	Stainless Steel/Epoxy	Ceramic	BNC	SIDE	108 [-24]	50-200	75 [150]	±1.5	B	EPOXY	40 dB Integral Preamp; 500 ft. Underwater	
R30I-UC	33x35 [1.31x1.38]	(8)	-30 to 65	500	Stainless Steel/Epoxy	Ceramic	BNC	SIDE	98 [-24]	125-450	225 [350]	±1.5	B	EPOXY	40 dB Integral Preamp; 500 ft. Underwater	
R50I-UC	33x35 [1.31x1.38]	(8)	-30 to 65	500	Stainless Steel/Epoxy	Ceramic	BNC	SIDE	86 [-28]	300-550	300 [500]	±1.5	B	EPOXY	40 dB Integral Preamp; 500 ft. Underwater	
R15-UG	18x17 [.69x.68]	(8)	-35 to 75	500	Stainless Steel/Epoxy	Ceramic		TOP/SIDE	69 [-63]	50 - 200	75 [150]	±1.5	B	EPOXY	2 Meter Cable	
R30-UG	18x17 [.69x.68]	(8)	-35 to 75	500	Stainless Steel/Epoxy	Ceramic	BNC	TOP/SIDE	58 [-64]	100 - 400	300 [350]	±1.5	B	EPOXY	2 Meter BNC Cable	
R50-UG	18x17 [.69x.68]	(8)	-35 to 75	500	Stainless Steel/Epoxy	Ceramic	BNC	TOP/SIDE	62 [-65]	100 - 700	100 [500]	±1.5	B	EPOXY	2 Meter BNC Cable	
Airborne Sensors																
AM2I	29x51 [1.13x2.0]	81	-25 to 75	500	Stainless Steel	Anodized Aluminum	BNC	TOP	[-3]	22-25	[23]	35	A	EPOXY	(11); 40 dB Integral Preamplifier	
AM4I	29x51 [1.13x2.0]	81	-25 to 75	500	Stainless Steel	Anodized Aluminum	BNC	TOP	[0]	39-42	[40]	30	A	EPOXY	(11); 40 dB Integral Preamplifier	
Rolling Sensor																
RS30	1.19" mm dia. wheel	200	0 to 125	500	Anodized Aluminum	Silicone Rubber	Micro Dot	SIDE	[-74]	160-340	[300]	±1.5	A	EPOXY	Rolling Sensor	
Notes: (1) Dimensions are rounded approximations (2) Peak g in any direction (3) Sensors are available to order with connector location on top (4) Sensor S9208 is a displacement transducer, and peak sensitivity is expressed in volts/ μm. (5) Unidirectional sensor, 90 degree off axis. (6) Sensors supplied with top connector has the same diameter but with different height. (7) Underwater sensors can subject up to 200 PSI water pressure. (8) Sensor supplied with integral cable. Weight of sensor is not available. (9) Also available in differential configuration. (10) Also available with integral cable. (11) The directionality given for the airborne sensor is the beam angle at -3 dB. Grounding: (A) Case ground. Need to use an alumina disk to isolate from mounting surface in application. (B) Case grounded and isolated from mounting surface. *This is the Frequency Range that the Sensor has the highest sensitivity. However, the Sensor can operate in other frequencies. Please consult the calibration certificate of the sensor or MISTRAS customer service or sales department for further information																

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QUEBEC
164, St-Jean Baptiste
Mercier, QC J6R 2C2
Tel.: 450-691-9090

ONTARIO
622 Trillium Drive, Unit 2A
Kitchener, ON N2R 1E6
Tel.: 519-894-9069

WWW.QUALITYNDE.COM