



Complete Line of Standard Acoustic Emission Sensors

(Special and customized sensors are available upon request)

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Sensor Model	Dimension DiaxHT (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/ubar]	Operating Freq. Range (kHz)	Resonant Frequency (kHz)	Directionality (dB)	Grounding	Seal Type	Comments	Recommended Accessories
General Purpose Sensors																
A3	16x23 [.4x.9]	31	-65 to 177	500	Stainless Steel (304)	Stainless Steel (304)	Microdot 10-32	SIDE	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]	20-180	30	N/A	B	EPOXY	Differential with 1 Meter Cable	MHD9241A Hold-Down
R3a	19x22 [.75x.88]	41	-65 to 175	500	Stainless Steel (304)	Ceramic	SMA	SIDE	80 [-63]	25-530	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
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 w/1 m Dual BNC cable	MHSTD 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]	100-400	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]	100-400	300 [330]	±1.5	B	EPOXY	Differential w/ 1mDual BNC cable	MHSTD Hold-Down
R30S	18x17 [.7x.65]	(8)	-65 to 177	500	Stainless Steel (304)	Ceramic	BNC	SIDE	58 [-62]	100-400	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 50 ohm load	1234-x Cable, MHR6I Hold-Down
CH15I	29x33 [1.13x1.28]	51	-35 to 75	500	Anodized Aluminum	Ceramic	BNC	SIDE	109 [-22]	50-400	75 [150]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load	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 50 ohm load	1234-x Cable, MHR30I Hold-Down
R3I-AST	29x39 [1.13x1.54]	(8)	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	121 [-28]	10-70	25 [31]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load; (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 50 ohm load; (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]	50-200	75 [150]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load; (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]	125-450	300 [350]	±1.5	A	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load; (6)	1234-x Cable, MHR30I Hold-Down
R50I-AST	29x30 [1.13x1.16]	70	-35 to 75	500	Stainless Steel (304)	Ceramic	BNC	SIDE (3)	88 [-26]	300-550	320 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load; (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]	100-1000	125 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load	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]	400-1000	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]	150-1000	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]	60-1000	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]	100-1000	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]	100-1000	125 [500]	±1.5	B	EPOXY	40 dB gain Integral Pre-amp for 50 ohm load	1234-X Cable, MHR6I Hold-Down
WSa	19x21 .75x.85	32	-65 to 175	500	Stainless Steel (304)	Ceramic	SMA	SIDE	55 [-62]	100-1000	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	1-30	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	1-30	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	20-40	38	±1.5				1234-SMA/BNC-X

Medium Frequency

LN150I	29x32.6 [1.13x1.28]	51	-35 to 75	500	Anodized Aluminum	Ceramic	BNC	SIDE	110	50-200	90	±1.5				1234-X
PK6I	20.6x27 [0.812x1.06]	45	-35 to 80	500	Stainless Steel (304)	Ceramic	SMA	SIDE	106	40-70	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]	350-880	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]	100-600	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]	100-600	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]	100-600	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]	175-1000	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]	175-1000	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]	175-1000	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]	200-1000	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]	200-1000	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)		200-1000	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]	500-4500	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]	125-750	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]	250-1000	250 [600]	±1.5	B	EPOXY	Smallest Dimension	

Intrinsically Safe Sensors

ISR.45	33x43 [.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 [.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 [.32x1.42]	120	-45 to 125	500	Stainless Steel/Epoxy	Ceramic	Pigtail	SIDE	80 [-63]	10-70	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]	100-400	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]	150-1000	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]	100-1000	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]	20-180	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]	100-400	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]	400-1000	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]	150-1000	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]	100-1000	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 (3)	SIDE	96 [-25]	100-1000	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]	100-600	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]	175-1000	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]	200-1000	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]	150-1000	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]	100-1000	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

Unidirectional Sensor

D9240	38x38 [1.5x1.5]	300	-65 to 121	500	Nickel Plated Brass	Nickel Plated Brass	Dual BNC	SIDE	43	250-625	80	-15 (5)	A	EPOXY	Unidirectional sensor, 90 degree off axis	DSC-4 Cable
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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
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Coolant Jet Coupled Sensor

AGMWC	T Fitting	(8)	0 to 85	500	Brass	EPOXY	BNC	TOP	[-70]	200-1000	[410]	N/A	A	EPOXY	90 Degree Fluid Path
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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.