

AE SENSOR SELECTION LIST20210708

NEW MODEL NO	Old Model No	Center frequency (Resonant frequency)	Frequency range	Sensitivity peak	Built-in preamplifier	Working temperature	Size mm	Weight(G)	Shell material	Contact material	IP Grade	Connector type	Connector position	Remarks
W800/1	CG80	600KHz	50KHz ~ 800KHz	> 65dB	/	-20 ~ 120℃	Φ19×15	45	SUS-304	ceramics	IP68	BNC	Side out the other end of the cable	
W800	SR800	600KHz	50KHz ~ 800KHz	> 65dB	/	-20 ~ 120℃	Φ19×15	18	SUS-304	ceramics	IP62	M5	Side	
W500/1	CG50	500KHz	100KHz ~ 1000kHz	> 65dB	/	-20 ~ 120℃	Φ19×15	45	SUS-304	ceramics	IP68	BNC	Side out the other end of the cable	
WM500/1	MG50	500KHz	100KHz ~ 1000kHz	> 65dB	/	-20 ~ 50℃	Φ4.7×4.0	13	SUS-304	ceramics	IP68	BNC	Side out the other end of the cable	
WI500		500KHz	100KHz ~ 1000kHz	> 65dB	40dB28V	-20 ~ 50℃	Φ22×25.5	33	SUS-304	ceramics	IP62	SMA	Side	
WI500/1		500KHz	100KHz ~ 1000kHz	> 65dB	34dB12V	-20 ~ 50℃	Φ22×25.5	34	SUS-304	ceramics	IP62	SMA	Side	
W500	WG50	500KHz	100KHz ~ 1000kHz	> 65dB	/	-20 ~ 120℃	Φ19×15	19	SUS-304	ceramics	IP62	M5	Side	
G150	SR150M	150KHz	60KHz ~ 400KHz	> 75dB	/	-20 ~ 120℃	Φ19×15	23	SUS-304	ceramics	IP62	M5	Side	
G150/1	CG15	150KHz	60KHz ~ 400KHz	> 75dB	/	-20 ~ 120℃	Φ19×15	50	SUS-304	ceramics	IP68	BNC	Side out the other end of the cable	
GI150/4		150KHz	60KHz ~ 400KHz	> 75dB	40dB28V	-20 ~ 50℃	Φ30×35	115	SUS-304	ceramics	IP62	SMA	Side	need to negotiate before sales
GI150/2	LG15	150KHz	60KHz ~ 400KHz	> 75dB	26dB5V	-20 ~ 50℃	Φ22×25.5	38	SUS-304	ceramics	IP62	SMA	Side	
GI150/3		150KHz	60KHz ~ 400KHz	> 65dB	34dB12V	-20 ~ 50℃	Φ22×25.5	38	SUS-304	ceramics	IP62	SMA	Side	
GI150/1	PG15	150KHz	60KHz ~ 400KHz	> 75dB	40dB28V	-20 ~ 50℃	Φ22×25.5	40	SUS-304	ceramics	IP62	SMA	Side	

GI150	SRI150	150KHz	60KHz~400KHz	> 75dB	40dB28V	-20~50℃	Φ30×36.5	120	SUS-304	ceramics	IP62	BNC	Side	
G150/2	XG15	150KHz	60KHz~400KHz	> 70dB	/	-20~120℃	Φ19×19.5	55	SUS-304	SUS-304	IP68	BNC	Side out the other end of the cable	
GSI150		150KHz	60KHz~400KHz	> 73dB	/	(ifier)-20~170℃	(Φ21.7×25 preamplifier) Φ19×14 AE sensor	26	SUS-304	ceramics	IP68	SP13-2	The top takes out the other end of the cable	Explosive cert,preampfliier to Sensor: 1m cable, type RG178, preamplifer to
GH150/2		150KHz	60KHz~400KHz	> 73dB	/	-20~170℃	Φ19×15	46	SUS-304	ceramics	IP68	BNC	Side out the other end of the cable	cable 1.5m
GH150/1		150KHz	60KHz~400KHz	> 73dB	/	-20~350℃	Φ19×19.5	105	Stainless invar	stainless invar	IP68	BNC	Side out the other end of the cable	Metal tube 0.5m, cable 2m
GH150	HG15c	150KHz	60KHz~400KHz	> 60dB	/	-20~600℃	Φ19×19.5	125	Stainless invar	stainless invar	IP68	BNC	Side out the other end of the cable	Metal tube 1-1.2m, cable 2m
GD150	DG15	150KHz	60KHz~400KHz	> 65dB	/	-20-120℃	Φ19×19.5	67	SUS-304	ceramics	IP68	双芯BNC	Side out the other end of the cable	
GM150	SR150S	150kHz	70kHz~280kHz	> 68dB	/	-20~120℃	Φ7.8×19	5	SUS-304	ceramics	IP62	M5	Top	
GM150/1		150kHz	70kHz~280kHz	> 68dB	/	-20~120℃	Φ7.8×14	5	SUS-304	ceramics	IP62	M5	Side end	
G80	G8	80KHz	20KHz~180KHz	> 70dB	/	-20~120℃	Φ19×19.5	33	SUS-304	ceramics	IP62	M5	Side	
G80/1		80KHz	20KHz~180KHz	> 70dB	/	-20~120℃	Φ19×19.5	33	SUS-304	ceramics	IP68	M5	Side out the other end of the cable	cable 1.5m
GI40/2	BF40	40KHz	15KHz~70KHz	> 75dB	40dB28V	-20~50℃	Φ41×92	1280	SUS-304	SUS-304	IP68	BNC	The top takes out the other end of the cable	
GI40	SRI40	40KHz	15KHz~70KHz	> 75dB	40dB28V	-20~50℃	Φ30×57	193	SUS-304	ceramics	IP62	BNC	Side	

G40	SR40M	40KHz	15KHz~70KHz	> 75dB	/	-20~120℃	Φ22×36.8	82	SUS-304	ceramics	IP62	M5	Side	
GIS35		40KHz	15KHz~70KHz	> 75dB	26dB5V	-20~50℃	Φ22×42.6	76	SUS-304	ceramics	IP62	SMA	Side	Single crystal - provide certificate
serials no: A001 Increment		35KHz	15KHz~70KHz	> 65dB	26dB5V	-20~50℃	Φ22×36.8	54	SUS-304	ceramics	IP62	SMA	Side	Twin crystal - provide certificate
serials no: B001 Increment		150KHz	60KHz~400KHz	> 75dB	26dB5V	-20~50℃	Φ22×25.5	39	SUS-304	ceramics	IP62	SMA	Side	provide certificate
GI35/2		40KHz	15KHz~70KHz	> 75dB	34dB12V	-20~50℃	Φ22×42.6	78	SUS-304	ceramics	IP62	SMA	Side	
GI35/1	LG3	40KHz	15KHz~70KHz	> 75dB	26dB5V	-20~50℃	Φ22×42.6	79	SUS-304	ceramics	IP62	SMA	Side	Single crystal - no certificate
GI35	PG3	40KHz	15KHz~70KHz	> 75dB	40dB28V	-20~50℃	Φ22×42.6	79	SUS-304	ceramics	IP62	SMA	Side	
GD40	DG4	35KHz	15KHz~70KHz	> 65dB	/	-20-120℃	Φ22×25	106	SUS-304	ceramics	IP68	lemo多芯	Side out the other end of the cable	
G10	SR10B	/	1Hz~15kHz	> 80dB	/	-20-120℃	Φ31×38	213	SUS-304	ceramics	IP62	BNC	Side	
G10/1	SR10C	/	1Hz~15kHz	> 80dB	/	-20-120℃	Φ31×38	214	SUS-304	ceramics	IP62	lemo单芯	Side	
GI10	BE10	/	1Hz~15kHz	> 80dB	26dB5V	-20~50℃	Φ38.5×85	720	SUS-304	SUS-304	IP68	BNC	The top takes out the other end of the cable	Integrated magnetic fixture
GI10/1		10KHz	1Hz~15kHz	> 80dB	34dB12V	-20~50℃	Φ38.5×85	720	SUS-304	SUS-304	IP68	BNC	The top takes out the other end of the cable	Integrated magnetic fixture

Remarks: 1,If the interface type is SMA, the protection level can be raised to IP67. Waterproof cable shall be selected, sensor body shall be rotated when connecting, and connector and cable shall be integrated.

2,The split and integrated water-proof sensors are used in fresh water at room temperature, such as salt lake water corrosion and seawater corrosion. They are used in liquid environment at room temperature and above (about 80 ° - 170 ° for a long time. Timely communication can adjust composite materials to solve the problem, and the cost is increased.