

아래의 사진은 실제 가속도 센서의 크기와 같습니다(BA24CM, SAF11, SAF51A, STAF223은 제외).

전하 출력형 가속도 센서

P.13~14

S04SG2
0.35pC/g



S2SG
1.6pC/g



S3SC
3pC/g



S2SCB2
2pC/g



BW21SG2
18.4pC/g



S41SCB2
36.7pC/g



S31SC
30pC/g



P51C
50pC/g



S42SC
350pC/g



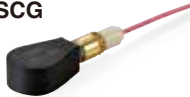
P51SCH2
50pC/g



앰프 내장형 가속도 센서

P.15

SAR11SCG
10mV/g



SA51SC
50mV/g
SA12SC
100mV/g



SA11C
10mV/g



SA11SC
10mV/g



BA24CM
15,000mV/g



SAR12SCLM
100mV/g



설비 감시용 가속도 센서

P.16

SAF11
10mV/g



SAF51A
50mV/g



PAF51SU
50mV/g



SAF12C
100mV/g



STAF223
200mV/g



3축 가속도 센서

P.17~18

S04ZSG
0.4pC/g



S2ZSCG
1.6pC/g



S6ZSCBH
6pC/g



SA11ZSCA
10mV/g

SA12ZSCA
100mV/g

3511A2·3512A2
TEDS



SA11ZSC-TI
10mV/g

SA12ZSC-TI
100mV/g

3511A1·3512A1
TEDS



추천품

■ 앰프 내장형 가속도 센서

Model Name	Weight (gm)	Sensitivity (mV/g)	Resonant Frequency (kHz)	Frequency Response (Hz±3dB)	Measurement Range (g)	Shock Limit (g)	Connector	Temperature Range (°C)	Page
소형									
SAR11SCG	0.6	10	50	1~13,000	500	3,000	CZ694(3-56)	-50~+120	15
SA11C	1.9	10	45	1.5~16,000	220	1,000	C29-103R(M3)	-30~+110	15
SA11SC	2.9	10	45	1.5~16,000	220	1,000	C29-103R(M3)	-30~+110	20
일반 용도									
PA11C	14.5	10	52	3~20,000	220	3,000	Miniature(10-32)	-20~+110	20
SA51SC	10	50	40	5~10,000	44	4,900	Miniature(10-32)	-50~+110	15
PA51C	19	50	35	3~12,000	45	3,000	Miniature(10-32)	-20~+110	20
SA12SC	10	100	40	5~10,000	22	4,900	Miniature(10-32)	-50~+110	15
고감도용									
SA13SC	260	1,000	7	0.4~2,000	2	50	Miniature(10-32)	-20~+110	20
SA53SCM	430	5,000	4	0.4~1,000	0.5	100	Miniature(10-32)	-20~+80	20
BA24CM	170	15,000	1.5	0.3~500	0.2	100	Miniature(10-32)	-10~+60	15
극저온용									
SAR12SCLM	71	100	17	5~5,000	20	1,000	Miniature(10-32)	-196~+80	15

■ 설비 감시용 가속도 센서(방수 절연형)

Model Name	Weight (gm)	Sensitivity	Resonant Frequency (kHz)	Frequency Response (Hz±3dB)	Measurement Range (g)	Shock Limit (g)	Connector	Temperature Range (°C)	Page
앰프 내장형									
SAF11	53	10mV/g	45	5~10,000	360	1,000	Cable 0.5m Free	-20~+120	16
SAF51A	48	50mV/g	24	3~10,000	45	1,000	Cable 5m Free	-20~+120	16
PAF51C	49	50mV/g	35	3~10,000	70	1,000	TNC	-20~+120	20
PAF51SU	78	50mV/g	52	5~7,000	70	1,000	Cable 5m Free	-20~+110	16
SAF12C	55	100mV/g	22	3~6,000	35	500	TNC	-20~+120	16
STAF223	70	200mV/g	20	0.1~10,000	11	500	Cable 10m Free	-20~+120	16
전하 출력형									
PF51C	53	50pC/g	29	fc~8,000	500	1,000	TNC	-30~+150	20
SF51SU	80	50pC/g	28	fc~5,000	500	1,000	Cable 5m Free	-20~+150	20
SF42M	170	350pC/g	14	fc~5,000	60	120	Cable 2m BNC	-20~+80	20

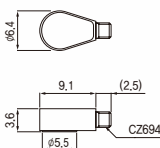
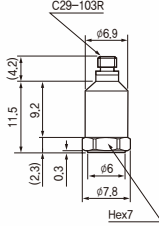
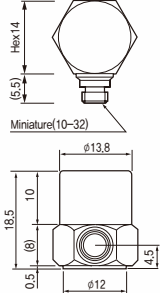
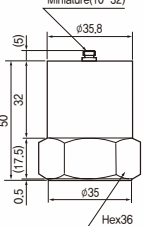
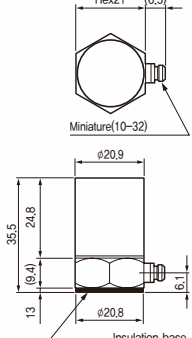
■ 3축 가속도 센서

Model Name	Weight (gm)	Sensitivity	Resonant Frequency (kHz)	Frequency Response (Hz±3dB)	Measurement Range (g)	Shock Limit (g)	Connector	Temperature Range (°C)	Page
전하 출력형									
S04ZSG	1.2	0.4pC/g	≥60	fc~20,000	2,500	5,000	Cable 0.3m CZ320×3	-50~+160	17
SW04ZSG	1.3	0.4pC/g	≥60	fc~20,000	2,500	5,000	Cable 2m Miniature(10-32)×3	-50~+160	20
S2ZSCG	5.2	1.6pC/g	≥35	fc~15,000	1,000	10,000	C29-103R(M3)×3	-20~+160	17
S6ZSCBH	60	6pC/g	≥20	fc~8,000	500	500	Miniature(10-32)×3	-30~+250	17
앰프 내장형									
SA11ZSCA	4.4	10mV/g	≥55	(Z)0.5~20,000	500	3,000	CZ664	-50~+120	18
SA12ZSCA	4.4	100mV/g	≥55	(Z)0.5~18,000	45	3,000	CZ664	-50~+110	18
3511A2	4.4	10mV/g	≥55	(Z)0.5~20,000	500	3,000	CZ710	-50~+120	18
3512A2	4.4	100mV/g	≥55	(Z)0.5~18,000	45	3,000	CZ710	-50~+110	18
SA11ZSC-TI	11.1	10mV/g	≥35	1~8,000	400	3,000	DR-4S-4	-50~+110	18
SA12ZSC-TI	11.1	100mV/g	≥35	1~8,000	40	3,000	DR-4S-4	-50~+110	18
BA24ZCFM	1,500	15,000mV/g	≥1	0.4~300	0.25	100	R04-R5F	-20~+60	20

앰프 내장형 가속도 센서

【ACCELEROMETERS】

Voltage output accelerometers (built-in pre-amplifier)

Model Name	SAR11SCG	SA11C	SA51SC	SA12SC	BA24CM	SAR12SCLM	
Features	소형	소형	일반 용도		고감도	극저온형	
Size Unit : mm							
Voltage Sensitivity(mV/g)	10	10	50	100	15,000	100	
Resonant Frequency(kHz)	50	45	40		1.5	17	
Frequency Response	Hz±1dB	1~10,000(±5%)	3~12,000		10~6,000	0.6~300	10~3,000
	Hz±3dB	1~13,000	1.5~16,000		5~10,000	0.3~500	5~5,000
Measurement range(±g)	500	220	44	22	0.2	20	
Shock Limit(±g)	3,000	1,000	4,900		100	1,000	
Temperature Range(°C)	-50~+80(~10mA) -50~+120(~5mA)	-30~+110	-50~+110		-10~+60	-196~+80	
Insulation Resistance(MΩ)	-	-	-		-	≥ 10,000	
Transverse Sensitivity(%)	≤ 5	≤ 5	≤ 5		≤ 5	≤ 5	
Output Impedance(Ω)		≤ 100	≤ 300		≤ 200	≤ 200	
Thermal Transient Sensitivity(g/°C)		0.079	-	0.034	-	0.005	
Base Strain Sensitivity(g/μ)		0.004	-	0.021	-	0.012	
Grounding	부착면 절연	Case	Case		Case	부착면 절연	
Sensing Geometry	Shear	Shear	Shear		Bending	Shear	
Weight(gm)	0.6	1.9	10		170	71	
Case Material	Aluminum	Titanium	Titanium		Aluminum	Stainless steel	
Connector(P.24)	CZ694(3-56)	C29-103R(M3)	Miniature(10-32)		Miniature(10-32)	Miniature(10-32)	
Mounting Thread	(adhesive)	Female(M3 • D=2)	Female(M6 • D=5)		Female(M6 • D=5)	Female(10-32 • D=6.8)	
Accessories Included	Exclusive use cable 3m Detachment Tool	Mtg stud(M3×0.5×4)	Mtg stud(M6×1×10)		Mtg stud(M6×1×10)	Mtg stud(10-32×10)	
Power Requirement	21~30VDC, 2~10mA	15~25VDC, 0.5~5mA	15~36VDC, 0.5~10mA		24~32VDC, 0.5~5mA	15~25VDC, 0.5~5mA	
Optional Cable(P.22~24)	⑤	①	② ⑦		②	③ ④	
Mounting Adapter(P.25~26)	-	① ⑦ ⑬ ⑯	③ ⑨ ⑭ ⑰ ⑲		-	-	

■ 앰프 내장형 가속도 센서

SA11SC	PA11C	PA51C	SA13SC	SA53SCM
<p>Mounting thread Female(M3*P0.5*D2)</p>	<p>Mounting thread Female(M6*P1*D5)</p>	<p>Mounting thread Female(M6*P1*D5)</p>	<p>Mounting thread Female(M6*P1*D5)</p>	<p>Mounting thread Female(M8*P1.25*D8)</p>

■ 설비 감시용 가속도 센서(방수 절연형)

PAF51C	PF51C	SF51SU	SF42M
<p>앰프 내장형</p> <p>Mounting thread Female(M6*P1*D5)</p>	<p>전하 출력형</p> <p>Mounting thread Female(M6*P1*D5)</p>	<p>● 전용 Stud</p>	<p>Mounting thread Female(M6*P1*D5)</p>

■ 3축 가속도 센서

SW04ZSG	BA24ZCFM
	<p>앰프 내장형</p>