

Selection Guide

推奨品の実寸大写真 (BA24CM・SAF11・SAF51A・STAF223を除く)

Recommendation products are shown actual size, unless BA24CM, SAF11, SAF51A and STAF223.

電荷出力型加速度センサ Charge output accelerometers

P.13~14

S04SG2
0.035pC/m/s²



S2SG
0.16pC/m/s²



S3SC
0.3pC/m/s²



S2SCB2
0.2pC/m/s²



BW21SG2
1.84pC/m/s²



S41SCB2
3.67pC/m/s²



S31SC
3pC/m/s²



P51C
5pC/m/s²



S42SC
35pC/m/s²



P51SCH2
5pC/m/s²



アンプ内蔵型加速度センサ Voltage output accelerometers (built-in pre-amplifier)

P.15

SAR11SCG
1mV/m/s²



SA51SC
5mV/m/s²

SA12SC
10mV/m/s²



SA11C
1mV/m/s²



SA11SC
1mV/m/s²



BA24CM
1500mV/m/s²



SAR12SCLM
10mV/m/s²



設備監視用加速度センサ (防水絶縁型) Industrial accelerometers for machine monitoring (Water proof and insulated)

P.16

SAF11
1mV/m/s²



SAF51A
5mV/m/s²



PAF51SU
5mV/m/s²



SAF12C
10mV/m/s²



STAF223
20mV/m/s²



3軸加速度センサ Triaxial accelerometers

P.17~18

S04ZSG
0.04pC/m/s²



S6ZSCBH
0.6pC/m/s²



S2ZSCG
0.16pC/m/s²



SA11ZSCA
1mV/m/s²

SA12ZSCA
10mV/m/s²

3511A2・3512A2
TEDS



SA11ZSC-TI
1mV/m/s²

SA12ZSC-TI
10mV/m/s²

3511A1・3512A1
TEDS



推奨品 Recommendation products

■電荷出力型加速度センサ Charge output accelerometers

| 型式 Model | 質量 Weight (gm) | 感度 Sensitivity (pC/m/s ²) | 共振周波数 Mounted Resonant Freq. (kHz) | 周波数範囲 Frequency Response (Hz±3dB) | 最大使用加速度 Measurement Range (m/s ²) | 耐衝撃性 Shock Limit (m/s ²) | コネクタ Connector | 使用温度範囲 Temperature Range (°C) | 掲載頁 Page |
|-----------------------------|----------------|---------------------------------------|------------------------------------|-----------------------------------|---|--------------------------------------|---------------------------|-------------------------------|----------|
| 小型 Small size | | | | | | | | | |
| S04SG2 | 0.2 | 0.035 | ≥60 | fc~20,000 | 100,000 | 100,000 | Cable 3m Miniature(10-32) | -50~+160 | 13 |
| S06CG | 0.7 | 0.061 | ≥60 | fc~20,000 | 5,000 | 10,000 | C29-103R(M3) | -50~+160 | 19 |
| S2SG | 0.6 | 0.16 | 48 | fc~20,000 | 10,000 | 100,000 | Cable 1m Miniature(10-32) | -20~+160 | 13 |
| S2SCG | 0.8 | 0.17 | 46 | fc~18,000 | 10,000 | 100,000 | C29-103R(M3) | -50~+160 | 19 |
| B21SG | 1.3 | 1.84 | 5 | fc~2,000 | 5,000 | 10,000 | Cable 2m Miniature(10-32) | -20~+120 | 19 |
| S1SCG | 1.0 | 0.122 | ≥60 | fc~25,000 | 10,000 | 30,000 | C29-103R(M3) | -50~+160 | 19 |
| S3SC | 2.0 | 0.3 | ≥60 | fc~20,000 | 50,000 | 100,000 | C29-103R(M3) | -20~+150 | 13 |
| P3SCM | 2.7 | 0.3 | ≥60 | fc~30,000 | 100,000 | 100,000 | C29-103R(M3) | -20~+80 | 19 |
| S2SCB2 | 1.9 | 0.2 | ≥60 | fc~20,000 | 5,000 | 10,000 | C29-103R(M3) | -50~+160 | 13 |
| 汎用 General Purpose | | | | | | | | | |
| S21C | 12 | 1.5 | 46 | fc~15,000 | 20,000 | 30,000 | ミニチュア Miniature(10-32) | -20~+120 | 19 |
| S41SCB2 | 13.5 | 3.67 | 38 | fc~13,000 | 5,000 | 15,000 | ミニチュア Miniature(10-32) | -50~+160 | 14 |
| S31SC | 28 | 3 | 26 | fc~8,000 | 2,500 | 5,000 | ミニチュア Miniature(10-32) | -50~+150 | 14 |
| P51C | 25 | 5 | 32 | fc~12,000 | 16,000 | 20,000 | ミニチュア Miniature(10-32) | -40~+150 | 14 |
| P51SC | 29 | 5 | 30 | fc~11,000 | 16,000 | 20,000 | ミニチュア Miniature(10-32) | -40~+150 | 19 |
| S12C | 35 | 10 | 17 | fc~7,000 | 5,000 | 10,000 | ミニチュア Miniature(10-32) | -20~+120 | 19 |
| P12SC | 36 | 10 | 23 | fc~10,000 | 10,000 | 10,000 | ミニチュア Miniature(10-32) | -20~+140 | 19 |
| 高感度 High sensitivity | | | | | | | | | |
| S42SC | 100 | 35 | 14 | fc~5,000 | 1,250 | 2,500 | ミニチュア Miniature(10-32) | -20~+120 | 14 |
| S13SC | 230 | 100 | 8 | fc~3,000 | 500 | 1,000 | ミニチュア Miniature(10-32) | -20~+140 | 19 |
| B24CM | 190 | 1500 | 1.4 | fc~500 | 500 | 1,000 | ミニチュア Miniature(10-32) | -10~+60 | 19 |
| 高温 High temperature | | | | | | | | | |
| P11CH | 25 | 1 | ≥60 | fc~16,000 | 8,000 | 16,000 | ミニチュア Miniature(10-32) | -20~+260 | 19 |
| P51SCH2 | 42 | 5 | 23 | fc~10,000 | 8,000 | 16,000 | ミニチュア Miniature(10-32) | -20~+250 | 14 |
| 防水型 Water-proof | | | | | | | | | |
| SW05SG | 0.2 | 0.0459 | ≥60 | fc~20,000 | 10,000 | 50,000 | Cable 2m Miniature(10-32) | -50~+160 | 19 |
| BW21SG2 | 1.5 | 1.84 | 5 | fc~2,000 | 5,000 | 10,000 | Cable 2m Miniature(10-32) | -20~+120 | 13 |
| SW11SB | 11 | 1.33 | 56 | fc~20,000 | 5,000 | 10,000 | Cable 2m Miniature(10-32) | -20~+120 | 19 |
| 低価格 Low-cost | | | | | | | | | |
| B51SGM | 4.5 | 4.5 | 10 | fc~3,500 | 500 | 2,000 | Cable 1m Free | 0~+60 | 19 |

■特殊センサ Special sensors

| 型式 Model | 特徴 Features | 掲載頁 Page |
|---------------------------------------|--|----------|
| 複合センサ Dual output sensors | | |
| TSAF51A | 振動・温度センサ Vibration & Temperature sensor | 21 |
| HS-10A-10M2 | 振動・AEセンサ Complex sensor for Vibration and Acoustic emission | 21 |
| PFT215S | 振動・フォースセンサ(インピーダンスヘッド) Vibration & Force sensor (Impedance head) | 21 |
| 特定用途向けセンサ Specific use sensors | | |
| REF-A3S-M6 | 校正用基準センサ Reference accelerometer for calibration | 21 |
| ABS-7000 | 漏水センサ Water leak detector | 21 |
| B52XM | センサデバイス Sensor device | 21 |

推奨品 Recommendation products

■アンプ内蔵型加速度センサ Voltage output accelerometers (built-in pre-amplifier)

| 型式 Model | 質量 Weight (gm) | 感度 Sensitivity (mV/m/s ²) | 共振周波数 Mounted Resonant Freq. (kHz) | 周波数範囲 Frequency Response (Hz±3dB) | 最大使用加速度 Measurement Range (m/s ²) | 耐衝撃性 Shock Limit (m/s ²) | コネクタ Connector | 使用温度範囲 Temperature Range (°C) | 掲載頁 Page |
|-----------------------------|----------------|---------------------------------------|------------------------------------|-----------------------------------|---|--------------------------------------|------------------------|-------------------------------|----------|
| 小型 Small size | | | | | | | | | |
| SAR11SCG | 0.6 | 1 | 50 | 1~13,000 | 5,000 | 30,000 | 3-56 | -50~+120 | 15 |
| SA11C | 1.9 | 1 | 45 | 1.5~16,000 | 2,200 | 10,000 | C29-103R(M3) | -30~+110 | 15 |
| SA11SC | 2.9 | 1 | 45 | 1.5~16,000 | 2,200 | 10,000 | C29-103R(M3) | -30~+110 | 20 |
| 汎用 General Purpose | | | | | | | | | |
| PA11C | 14.5 | 1 | 52 | 3~20,000 | 2,200 | 30,000 | ミニチュア Miniature(10-32) | -20~+110 | 20 |
| SA51SC | 10 | 5 | 40 | 5~10,000 | 440 | 49,000 | ミニチュア Miniature(10-32) | -50~+110 | 15 |
| PA51C | 19 | 5 | 35 | 3~12,000 | 450 | 30,000 | ミニチュア Miniature(10-32) | -20~+110 | 20 |
| SA12SC | 10 | 10 | 40 | 5~10,000 | 220 | 49,000 | ミニチュア Miniature(10-32) | -50~+110 | 15 |
| 高感度 High sensitivity | | | | | | | | | |
| SA13SC | 260 | 100 | 7 | 0.4~2,000 | 20 | 500 | ミニチュア Miniature(10-32) | -20~+110 | 20 |
| SA53SCM | 430 | 500 | 4 | 0.4~1,000 | 5 | 1,000 | ミニチュア Miniature(10-32) | -20~+80 | 20 |
| BA24CM | 170 | 1500 | 1.5 | 0.3~500 | 2 | 1,000 | ミニチュア Miniature(10-32) | -10~+60 | 15 |
| 極低温 Low temperature | | | | | | | | | |
| SAR12SCLM | 71 | 10 | 17 | 5~5,000 | 200 | 10,000 | ミニチュア Miniature(10-32) | -196~+80 | 15 |

■設備監視用加速度センサ(防水絶縁型) Industrial accelerometers for machine monitoring (Water proof and insulated)

| 型式 Model | 質量 Weight (gm) | 感度 Sensitivity | 共振周波数 Mounted Resonant Freq. (kHz) | 周波数範囲 Frequency Response (Hz±3dB) | 最大使用加速度 Measurement Range (m/s ²) | 耐衝撃性 Shock Limit (m/s ²) | コネクタ Connector | 使用温度範囲 Temperature Range (°C) | 掲載頁 Page |
|---|----------------|-----------------------|------------------------------------|-----------------------------------|---|--------------------------------------|-----------------|-------------------------------|----------|
| アンプ内蔵型 Voltage output (built-in pre-amplifier) | | | | | | | | | |
| SAF11 | 53 | 1mV/m/s ² | 45 | 5~10,000 | 3,600 | 10,000 | Cable 0.5m Free | -20~+120 | 16 |
| SAF51A | 48 | 5mV/m/s ² | 24 | 3~10,000 | 450 | 10,000 | Cable 5m Free | -20~+120 | 16 |
| PAF51C | 49 | 5mV/m/s ² | 35 | 3~10,000 | 700 | 10,000 | TNC | -20~+120 | 20 |
| PAF51SU | 78 | 5mV/m/s ² | 52 | 5~7,000 | 700 | 10,000 | Cable 5m Free | -20~+110 | 16 |
| SAF12C | 55 | 10mV/m/s ² | 22 | 3~6,000 | 350 | 5,000 | TNC | -20~+120 | 16 |
| STAF223 | 70 | 20mV/m/s ² | 20 | 0.1~10,000 | 110 | 5,000 | Cable 10m Free | -20~+120 | 16 |
| 電荷出力型 Charge output | | | | | | | | | |
| PF51C | 53 | 5pC/m/s ² | 29 | fc~8,000 | 5,000 | 10,000 | TNC | -30~+150 | 20 |
| SF51SU | 80 | 5pC/m/s ² | 28 | fc~5,000 | 5,000 | 10,000 | Cable 5m Free | -20~+150 | 20 |
| SF42M | 170 | 35pC/m/s ² | 14 | fc~5,000 | 600 | 1,200 | Cable 2m BNC | -20~+80 | 20 |

■3軸加速度センサ Triaxial accelerometers

| 型式 Model | 質量 Weight (gm) | 感度 Sensitivity | 共振周波数 Mounted Resonant Freq. (kHz) | 周波数範囲 Frequency Response (Hz±3dB) | 最大使用加速度 Measurement Range (m/s ²) | 耐衝撃性 Shock Limit (m/s ²) | コネクタ Connector | 使用温度範囲 Temperature Range (°C) | 掲載頁 Page |
|---|----------------|-------------------------|------------------------------------|-----------------------------------|---|--------------------------------------|-----------------------------|-------------------------------|----------|
| 電荷出力型 Charge output | | | | | | | | | |
| S04ZSG | 1.2 | 0.04pC/m/s ² | ≥60 | fc~20,000 | 25,000 | 50,000 | Cable 0.3m CZ320×3 | -50~+160 | 17 |
| SW04ZSG | 1.3 | 0.04pC/m/s ² | ≥60 | fc~20,000 | 25,000 | 50,000 | Cable 2m Miniature(10-32)×3 | -50~+160 | 20 |
| S2ZSCG | 5.2 | 0.16pC/m/s ² | ≥35 | fc~15,000 | 10,000 | 100,000 | C29-103R(M3)×3 | -20~+160 | 17 |
| S6ZSCBH | 60 | 0.6pC/m/s ² | ≥20 | fc~8,000 | 5,000 | 5,000 | Miniature(10-32)×3 | -30~+250 | 17 |
| アンプ内蔵型 Voltage output (built-in pre-amplifier) | | | | | | | | | |
| SA11ZSCA | 4.4 | 1mV/m/s ² | ≥55 | (Z)0.5~20,000 | 5,000 | 30,000 | CZ664 | -50~+120 | 18 |
| SA12ZSCA | 4.4 | 10mV/m/s ² | ≥55 | (Z)0.5~18,000 | 450 | 30,000 | CZ664 | -50~+110 | 18 |
| 3511A2 | 4.4 | 1mV/m/s ² | ≥55 | (Z)0.5~20,000 | 5,000 | 30,000 | CZ710 | -50~+120 | 18 |
| 3512A2 | 4.4 | 10mV/m/s ² | ≥55 | (Z)0.5~18,000 | 450 | 30,000 | CZ710 | -50~+110 | 18 |
| SA11ZSC-TI | 11.1 | 1mV/m/s ² | ≥35 | 1~8,000 | 4,000 | 30,000 | DR-4S-4 | -50~+110 | 18 |
| SA12ZSC-TI | 11.1 | 10mV/m/s ² | ≥35 | 1~8,000 | 400 | 30,000 | DR-4S-4 | -50~+110 | 18 |
| BA24ZCFM | 1500 | 1500mV/m/s ² | ≥1 | 0.4~300 | 2.5 | 1,000 | R04-R5F | -20~+60 | 20 |