

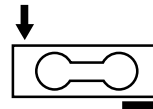
Single Point Load Cell 600gf~1tf

AB 120, 130, 140



Feature

- Material : Aluminium
- Protection Class IP65
- Off Center Compensated



| Rated Capacity (R.C) | kgf / tf | AB120C | AB120 | AB130 | AB140 |
|------------------------|----------|-------------------|-----------------------------|------------------------------|-------------|
| | | 600gf, 1, 2, 3kgf | 3, 5, 10, 15, 20, 30, 50kgf | 30, 50, 60, 100, 150, 300kgf | 500kgf, 1tf |
| Rated Output (R.O) | mV/V | 1.0 ± 10% | | 2.0 ± 10% | |
| Zero Balance | mV/V | | | 0 ± 0.1 | |
| Combined Error | % | | | 0.03 | |
| Repeatability | % | | | 0.01 | |
| Creep (30min) | % | | | 0.03 | |
| Temperature Effect on | | | | | |
| Zero Value | % / °C | 0.028 | | 0.03 | |
| Output Value | % / °C | 0.014 | | 0.02 | |
| Excitation | | | | | |
| Recommended | V | | | 10 | |
| Maximum | V | | | 15 | |
| Resistance | | | | | |
| Input | Ω | 400 ± 20 | | 400 ± 30 | |
| Output | Ω | | | 350 ± 3.5 | |
| Insulation | MΩ | | | > 2,000 | |
| Compensated Temp Range | °C | | | -10 ~ +40 | |
| Operating Temp Range | °C | -20 ~ +80 | | -30 ~ +80 | |
| Physical Weight | kg | 0.3 | | 1.5 | 2.5 |

LOAD CELL

▶ Dimensions AB120C-600gf~3kgf

▶ Dimensions AB120-3~50kgf

▶ Dimensions AB130-30~300kgf

▶ Dimensions AB140-500kgf, 1tf

Unit : mm

| STANDARD CABLE LENGTH | |
|-----------------------|------------------|
| AB120C, AB120, 1.5M | AB130, AB140, 2M |
| CABLE COLOR CODE | |
| EXC + | (RED) |
| EXC - | (WHITE) |
| SIG + | (GREEN) |
| SIG - | (BLUE, BLACK) |
| SHEILD | (YELLOW) |