

## SDS LOAD CELL



| PARAMETER                         |               | VALUE                | UNIT      |
|-----------------------------------|---------------|----------------------|-----------|
| Capacity                          |               | 300, 500, 1000, 2000 | kg        |
| Output Sensitivity                |               | 2.0 ± 0.2            | mV/V      |
| Accuracy class                    |               | C3                   |           |
| Temperature effect on zero        |               | 0.0200               | %FS/10°C  |
| Temperature effect on sensitivity | +20°C ~ +40°C | 0.0175               | %FS/10°C  |
|                                   | -10°C ~ +20°C | 0.0117               |           |
| Combined error                    |               | 0.0200               | %FS       |
| Creep                             |               | 0.0167               | %FS       |
| Input resistance                  |               | 406 ± 6              | Ohms      |
| Output resistance                 |               | 350 ± 3              | Ohms      |
| Insulation resistance             |               | ≥ 5000               | Mega-Ohms |
| Zero balance                      |               | 2                    | %FS       |
| Temperature, compensated          |               | -10 ~ +40            | °C        |
| Temperature, operating            |               | -20 ~ +50            | °C        |
| Excitation, Recommended           |               | 5-15                 | V         |
| Safe overload                     |               | 150                  | %FS       |
| Ultimate overload                 |               | 300                  | %FS       |

| (kg)<br>Rated Load | A  | B    | M   | D    | E    | F  | G  | L1  | L2  | L3 | L4 |
|--------------------|----|------|-----|------|------|----|----|-----|-----|----|----|
| 300                | 31 | φ 11 | M10 | φ 18 | φ 27 | 8  | 8  | 220 | 126 | 98 | 66 |
| 500                | 36 | φ 11 | M10 | φ 18 | φ 27 | 8  | 8  | 220 | 126 | 98 | 66 |
| 1000/2000          | 47 | φ 13 | M12 | φ 22 | φ 27 | 10 | 10 | 220 | 126 | 98 | 66 |

