



PLX1K

"PLX1K-1" SERIES' 1000 Ohm LOAD CELL KITS FOR ASSEMBLING FLOOR SCALES



Ideal for creating platforms with 4 load cells of various sizes and capacities. The kit is made up of 4 1000 Ohm IP68 stainless steel load cells, OIML approved, together with adjustable stainless steel resting feet and an equalisation box.

**The best solution
for advanced industrial
applications**

LOAD CELL TECHNICAL FEATURES

- C3 precision class
- Made in stainless steel with laser welding
- IP68 protection against dust and water.
- Capacities from 500 to 2000 kg (for each cell)
- Minimum load cell verification interval: $V_{min} = E_{Max} / 10.000$
- Maximum number of verification intervals: $n_{LC} = 3000$
- Combined error: 0,017% of Full Scale Output (F.S.)
- Full Scale Output: 2mV/V +/- 0.5%
- Temperature effect on zero: 0,002% /°C
- Temperature effect on full scale output: 0,002% /°C
- Compensated Temperature Range: -10°C/+50°C
- Operating Temperature Range: -20°C/+60°C
- Creep error after 30 minutes: 0,02% F.S.
- Maximum tolerated excitation voltage: 15 Vdc
- Input Resistance: $1100 \pm 20 \text{ Ohm}$
- Output Resistance: $1000 \pm 20 \text{ Ohm}$
- Insulation Resistance: >5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: 300% F.S.
- 6-wire shielded cable, 5m long, 5 mm diameter

RESTING FEET

- Adjustable in height
- Structure in STAINLESS steel
- Anti-slip base
- Ipsanitizable
- Fitted with locking bush

JUNCTION BOX

- Built-in junction and equalisation board
- IP67 protection from dust and water
- 5 PG9 Fairleads

DETAIL 1

| | |
|-------------|--------|
| IN + | BROWN |
| IN - | GREEN |
| SIG (OUT) + | YELLOW |
| SIG (OUT) - | WHITE |
| SENSE + | GRAY |
| SENSE - | ROSE |
| SHIELD | METAL |



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