

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 Cable glands

DETAIL 1

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



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