

## PLK

### "PLK-1" SERIES' 350 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 4 350 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
- Stainless steel construction with laser weldings
- IP68 protection
- Max. Capacities from 300 to 2000 kg (for each load 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 +/- 0.1%
- Temperature effect on zero: 0,0014% /°C
- Temperature effect on full scale output: 0,0014% /°C
- Compensated Temperature Range: -10°C/+40°C
- Operating Temperature Range: -20°C/+60°C
- Creep error after 30 minutes: 0,024% F.S.
- Maximum tolerated excitation voltage: 15 Vdc
- Input Resistance:  $385 \pm 20 \text{ Ohm}$
- Output Resistance:  $350 \pm 5 \text{ Ohm}$
- Insulation Resistance: >5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: 200% 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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