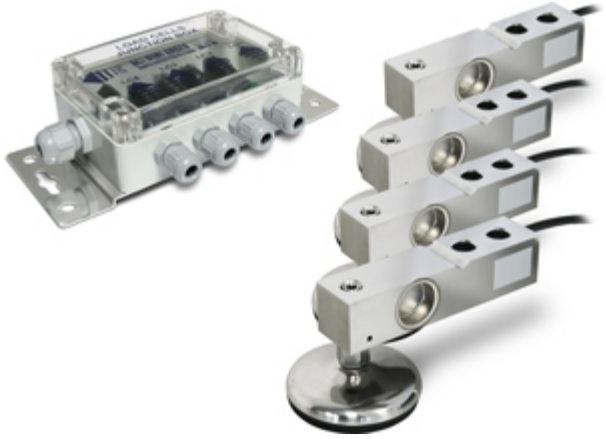
DINI ARGEO
Scales - Weighing systems

# PLK-1KL

## PLK1KL SERIES' CELL KITS FOR ASSEMBLING FLOOR SCALES



For creating platforms with four load cells of various sizes and capacities suitable for connection to any type of indicator for load cells. The kit is made up of four "SBK-1KL" IP68 stainless steel, approved load cells, together with stainless steel adjustable resting feet and an IP67 ABS junction box with 5 cable glands and an internal equalisation board.

The best solution
for advanced industrial
applications

## MAIN FEATURES

- C3 PRECISION CLASS
- STAINLESS STEEL CONSTRUCTION WITH LASER WELDINGS
- IP68 PROTECTION
- MAX. CAPACITIES FROM 300 TO 2000 kg (for each load cell)
- IP67 JUNCTION BOX WITH CORNER EQUALISATION
- 4 HYPERSANITIZABLE STAINLESS STEEL FEET
- OIML CERTIFICATE AVAILABLE UPON REQUEST
- TEST CERTIFICATE AVAILABLE UPON REQUEST

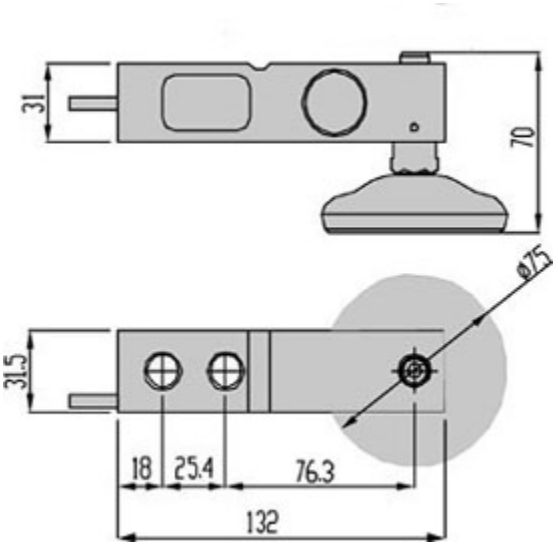
## LOAD CELL TECHNICAL FEATURES

- Minimum load cell verification interval: Vmin = EMax / 10.000
- Maximum number of verification intervals: nLC = 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: 1100 ± 50 Ohm
- Output Resistance: 1000 ± 10 Ohm
- Insulation Resistance: >5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: 200% F.S.
- 6-wire shielded cable, 5m long, 5 mm diameter

## EXTRAS AVAILABLE AT TIME OF ORDER

- OIML R60 certificate (without surcharge)
- WELMEC module for approving the system (with surcharge)
- ATEX Certification (with surcharge)

## DETAIL 1




Dimensions (mm)

| SBK-1KL Wiring Code | |
|---|---|
| *Colour* | *Function* |
| -- | SHIELD |
| YELLOW | OUTPUT + |
| GREY | SENSE + |
| BROWN | INPUT + |
| WHITE | OUTPUT - |
| GREEN | INPUT - |
| PINK | SENSE - |

www.diniargeo.com




**DINI ARGEO FRANCE sarl**
Nogent-sur-Marne
info.fr@diniargeo.com

**DINI ARGEO GMBH**
Sinsheim - Germany
info.de@diniargeo.com

**DINI ARGEO UK Ltd**
Taunton - United Kingdom
info.uk@diniargeo.com

**DINI ARGEO WEIGHING INSTRUMENTS Ltd**
Shanghai - China
info.cn@diniargeo.com

**DINI ARGEO WEIGHBRIDGES**
Calto (RO) – Italy
info@diniargeo.com

DINI ARGEO
Scales - Weighing systems

ATEX

ISO 9001:2008

**HEAD OFFICE**
Via Della Fisica, 20
41042 Spezzano di Fiorano Modena - Italy
Tel. +39.0536 843418 Fax. +39.0536 843521
info@diniargeo.com

**SERVICE ASSISTANCE**
Via Dell'Elettronica, 15
41042 Spezzano di Fiorano Modena - Italy
Tel. +39.0536 921784 Fax. +39.0536 926654
service@diniargeo.com

*SALES AND TECHNICAL ASSISTANCE SERVICE*