

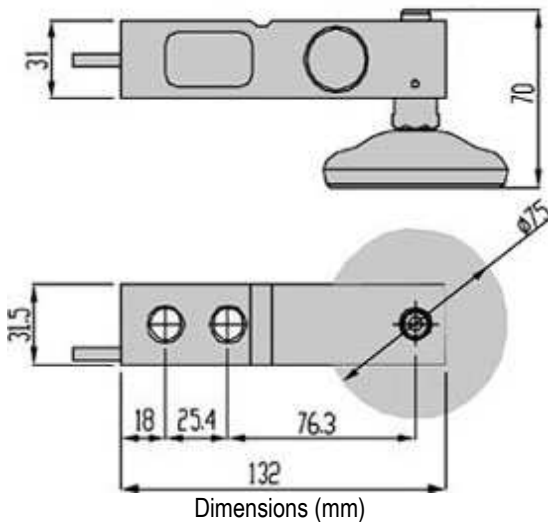
PLK SERIES' CELL KITS FOR ASSEMBLING FLOOR SCALES



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" 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.

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: $V_{min} = E_{Max} / 10.000$
- 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 ± 20 Ohm
- Output Resistance: 350 ± 5 Ohm
- Insulation Resistance: >5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: >200% F.S.
- 6-wire screened cable, 5m long, 5 mm diameter

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

EXTRAS AVAILABLE AT TIME OF ORDER

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

Available Versions

Code	Total contents
PLK403C3	4 SBK 300kg Load Cells + 4 feet + 1 J.Box
PLK405C3	4 SBK 500kg Load Cells + 4 feet + 1 J.Box
PLK410C3	4 SBK 1000kg Load Cells + 4 feet + 1 J.Box
PLK420C3	4 SBK 2000kg Load Cells + 4 feet + 1 J.Box

Accessories

Code	Description
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CCATEX ATEX certificate for each load cell for the following categories:

II 1G EExia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C)

II 1D tD A20 TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C).

LCCB5C Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 5m with 7-pole female connector.

LCCB10C Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 10m with 7-pole female connector.