KLERKSCALE (PTY) LTD
INDUSTRIAL WEIGHING EQUIPMENT
EST. 1958

KSC-SBT

SHEAR BEAM NICKEL-PLATED LOAD
CELLS: FROM 500kg TO 2000kg

Dini Argeo nickel-plated approved load cells. The measures are compatible with the main shear beam load cells present on the market. They are suitable for creating CE-M approved scales with 4 load cells or for weighing conveyors, tanks and hoppers, thanks to their accessories.

Capacities (kg): 500, 1000, 2000,
OIML R60 approved, NTEP
Nickel-plated steel. IP67 protection
Output Resistance 350 Ohm

MAIN FEATURES

- C3 precision class
- Nickel-plated construction
- Potted seal, IP67 protection
- Max. capacities from 500 to 2000 kg
- Shielded connection cable
- Test certificate available upon request

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.)
- Nonlinearity ± 0.02% FS
- Hysteresis ± 0.02% FS
- Repeatability ± 0.01% FS
- Full Scale Output 2mV/V ± 0.5%
- Zero balance ± 1% FS
- 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 380 ± 20 Ohm
- Output Resistance 350 ± 5 Ohm
- Insulation Resistance >5000 MOhm
- Safe Overload 120% F.S.
- Ultimate Overload 300% F.S.
- 6-wire shielded cable, 3.5m long, 5 mm diameter

DIMENTIONS - DECODING STANDARD CABLE

- NOTE: dimensions in mm
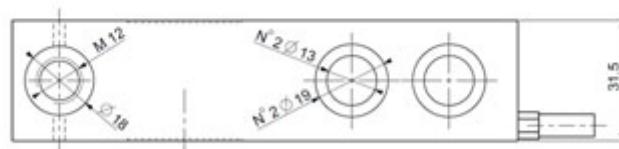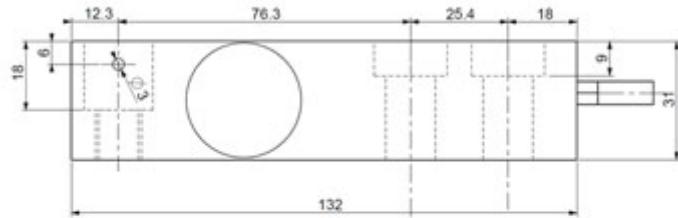
- Decoding of the standard cable colours

Colour	Function
–	SHIELD
YELLOW	OUTPUT +
GREY	SENSE +
BROWN	INPUT +
WHITE	OUTPUT +
GREEN	INTPUT -
PINK	SENSE -