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Тензодатчики

Техническое описание.

SPO SERIES SINGLE POINT LOAD CELLS

Load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 300x300 mm.

CAPACITIES (kg): 3, 5, 10, 15, 20, 30, 40.



OIML R60. C3 precision class.

Aluminium alloy. **IP67** protection.

SPG SERIES SINGLE POINT LOAD CELLS, C6 CLASS

Load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell; maximum platform dimensions of 450x450 mm.

CAPACITIES (kg): 7, 18, 36.



OIML R60. C6 precision class.

Aluminium alloy. **IP67** protection.

SPG SERIES SINGLE POINT LOAD CELLS, C3 CLASS

Load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell; maximum platform dimensions of 600x600 mm.

CAPACITIES (kg): 10, 15, 20, 30, 50, 100, 200.



OIML R60. C3 precision class.

Aluminium alloy. **IP67** protection.

"RCA" SERIES COLUMN LOAD CELLS

Analogue version of compression load cells, ideal for CE-M approved weighbridges, tanks, silos, etc. Manufactured in STAINLESS STEEL, IP68 protection, 4000 divisions, fitted with "anti rat" armoured cable.

CAPACITIES (kg): 30000.

OIML R60. C4 precision class.

Load cells with stainless steel body. Degree of protection IP68.

20m Armored Anti-Rat Cable, with standard Stainless Steel Armor.

Standard integrated surge arresters

Special cell height, only 130mm.



"RCD" SERIES COLUMN LOAD CELLS

Digital version of compression load cells, 4000 divisions, ideal for CE-M approved weighbridges, tanks, silos, etc. Manufactured in STAINLESS STEEL, with IP68 protection, fitted with "anti rat" armoured cable.

CAPACITIES (kg): 30000.

OIML R60. C4 precision class.

Stainless steel. IP68 protection.



"RCPT" ANALOG LOAD CELL SERIES

Compression load cell for CE-M approved weighbridges, tanks, silos, etc. Completely manufactured in steel, and fitted with selfaligned articulated joints, selfcentering plates and protection washer.

CAPACITIES (kg): 20000, 30000, 50000.

OIML R60. C3 precision class.

Internal **stainless** steel with alloy steel body. **IP68** protection.



"RCPTD": DIGITAL COLUMN LOAD CELL FOR WEIGHBRIDGES

Digital compression load cells, C4 precision class, with IP68 protection. Ideal for approved CE-M weighbridges or silos and tanks. Fitted with self-aligned articulated joints, self centering plates and protection washer for an excellent installation.

CAPACITIES (kg): 30000.

OIML R60. C4 precision class.

Internal **stainless** steel with alloy steel body. **IP68** protection.



"STU-1K": Tension load cells for the suspended loads weighing

Tension/Compression load cells, suitable for weighing in tension suspended loads and as overload checking and limitation, or for compression use in the creation of weighing systems with various load cells.



CAPACITIES (kg): 2000, 5000, 8000, 10000.

OIML R60. C3 precision class.

Stainless steel. IP68 protection.

STFC SERIES TENSION LOAD CELLS

Tension load cells CE-M approved for suspended weighing of hoppers, tanks, etc.

CAPACITIES (kg): 2000, 5000, 10000.

OIML R60. C3 precision class.

Nickel-plated steel. IP67 protection.

STG SERIES TENSION LOAD CELLS

Tension or Compression approved load cells for the weighing hoppers, tanks, scales with levers, and with other weighing devices.

CAPACITIES (kg): 100, 500, 1000.

OIML R60. C3 precision class.

17-4 PH stainless steel. IP67 protection.

RSBT DOUBLE SHEAR BEAM LOAD CELLS

Double shear beam load cells particularly suitable for weighing weighbridges, dosage systems, tanks, silos, etc., complete with support and oscillating spherical joint. CE-M approved.

CAPACITIES (kg): 25000, 40000.

OIML R60. C3 precision class.

Nickel-plated steel. IP68 protection.

DSBI SERIES DOUBLE SHEAR BEAM STAINLESS STEEL LOAD CELLS

Stainless steel double shear beam load cells suitable for building, for example, to make CE-M approved scales for high capacities or for weighing tanks and hoppers with the relevant accessories. High accuracy also with the expansion of the weighing structures.

CAPACITIES (kg): 10000, 20000, 30000.

OIML R60. C4 precision class.

17-4 PH stainless steel. IP68 protection.



ALUMINIUM SHEAR BEAM LOAD CELLS "SBZ"

Lightweight aluminium Shear Beam load cells, especially indicated to create 4 load cells floor scales.



CAPACITIES (kg): 300, 500, 1000.

OIML R60. C3 precision class.

Aluminium.IP67 protection.

SBX-1KL SERIES SHEAR BEAM LOAD CELLS, from 500kg to 2500kg

Stainless steel approved shear beam load cells, suitable for creating CE-M approved scales with 4 load cells, or for weighing tanks and hoppers, with the aid of its accessories.



CAPACITIES (kg): 500, 1000, 2000, 2500.

OIML R60. C3 precision class.

Stainless steel. IP68 protection.

SBX-1KL SERIES SHEAR BEAM LOAD CELLS, from 3000kg to 4500kg

Stainless steel approved shear beam load cells, suitable for creating CE-M approved scales with 4 load cells, or for weighing tanks and hoppers, with the aid of its accessories.



CAPACITIES (kg): 3000, 4500.

OIML R60. C3 precision class.

Stainless steel. IP68 protection.

SBX-1KL SERIES SHEAR BEAM LOAD CELLS, 10000kg

Stainless steel approved shear beam load cells, suitable for creating CE-M approved scales with 4 load cells, or for weighing tanks and hoppers, with the aid of its accessories.



CAPACITIES (kg): 10000.

OIML R60. C3 precision class.

SBK SERIES IP68 STAINLESS STEEL SHEAR BEAM LOAD CELLS, 350 Ohm

Stainless steel shear beam load cells suitable for building, for example, CE-M approved scales with 4 load cells or for weighing tanks and hoppers with the relevant accessories.



CAPACITIES (kg): 300, 500, 1000, 2000.

OIML R60. C3 precision class.

Stainless steel. IP68 protection.

"SBK C6" SERIES IP68 STAINLESS STEEL SHEAR BEAM LOAD CELLS, 350 Ohm, C6 CLASS

Stainless steel shear beam load cells suitable for building, for example, CE-M approved scales with 4 load cells or for weighing tanks and hoppers with the relevant accessories.



C6

CAPACITIES (kg): 500, 1000, 2000.

OIML R60. C6 precision class.

Stainless steel. **IP68** protection.

SBK-1KL SERIES IP68 STAINLESS STEEL SHEAR BEAM LOAD CELLS, 1000 Ohm

Stainless steel shear beam load cells suitable for building, for example, CE-M approved scales with 4 load cells or for weighing tanks and hoppers with the relevant accessories.



CAPACITIES (kg): 300, 500, 1000, 2000.

OIML R60. C3 precision class.

Stainless steel. **IP68** protection.

SBX-1K SERIES SHEAR BEAM LOAD CELLS, from 500kg to 2000kg

Stainless steel approved shear beam load cells, suitable for creating CE-M approved scales with 4 load cells, or for weighing tanks and hoppers, with the aid of its accessories.



CAPACITIES (kg): 500, 1000, 2000.

OIML R60. C3 precision class.

Stainless steel. **IP68** protection.

SBX-1K SERIES SHEAR BEAM LOAD CELLS, from 3000kg to 4500kg

Stainless steel approved shear beam load cells, suitable for creating CE-M approved scales with 4 load cells, or for weighing tanks and hoppers, with the aid of its accessories.



CAPACITIES (kg): 3000, 4500.

OIML R60. C3 precision class.

Stainless steel. **IP68** protection.

SBX-1K SERIES SHEAR BEAM LOAD CELLS, 10000kg

Stainless steel approved shear beam load cells, suitable for creating CE-M approved scales with 4 load cells, or for weighing tanks and hoppers, with the aid of its accessories.



CAPACITIES (kg): 10000.

OIML R60. C3 precision class.

Stainless steel. **IP68** protection.

FXC SERIES BENDING BEAM LOAD CELLS

Bending beam load cells for approved weighing, automatic systems, dosage.

CAPACITIES (kg): 10, 20, 50, 100, 200, 300, 500.

OIML R60. C3 precision class.

Stainless steel. **IP68** protection.



"FXC C6" SERIES: BENDING BEAM LOAD CELLS, C6 CLASS

Bending beam load cells for approved weighing, automatic systems, dosage.

CAPACITIES (kg): 20, 50, 100, 200.

OIML R60. C6 precision class.

Stainless steel. **IP68** protection.



C6

FXD SERIES BENDING BEAM LOAD CELLS

Bending beam load cells for approved weighing, automatic systems, dosage.

CAPACITIES (kg): 100, 200, 300, 500.

OIML R60. C3 precision class.

Stainless steel. **IP68** protection.



CAPACITIES (kg): 100, 200, 500.

OIML R60. C3 precision class.

Aluminium alloy. **IP67** protection.



SPBC SERIES SINGLE POINT LOAD CELLS

Load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 700x700 mm.

CAPACITIES (kg): 100, 200, 300, 500, 630.

OIML R60. C3 precision class.

Aluminium alloy. **IP65** protection.



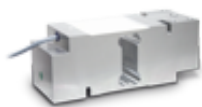
SPN SERIES SINGLE POINT LOAD CELLS

Load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell; maximum platform dimensions of 800x800 mm.

CAPACITIES (kg): 300, 500, 750.

OIML R60. C3 precision class.

Aluminium alloy. **IP67** protection.



SPSW SERIES SINGLE POINT STAINLESS STEEL LOAD CELLS

Stainless steel load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 500x400 mm.

CAPACITIES (kg): 7.5, 15, 30, 50, 100, 200.

OIML R60. C3 precision class.

17-4 PH stainless steel. **IP67** protection.



SPSY SERIES SINGLE POINT STAINLESS STEEL LOAD CELLS

Stainless steel load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 500x400 mm.

CAPACITIES (kg): 50, 100.

OIML R60. C3 precision class.

17-4 PH stainless steel. **IP68** protection.



SPSX SERIES SINGLE POINT STAINLESS STEEL LOAD CELLS

Stainless steel load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 600x800 mm.

CAPACITIES (kg): 100, 300, 500.

OIML R60. C3 precision class.

17-4 PH stainless steel. **IP67** protection.



SPSZ SERIES SINGLE POINT STAINLESS STEEL LOAD CELLS

Stainless steel load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 800x800 mm.

CAPACITIES (kg): 500, 1000.

OIML R60. C3 precision class.

17-4 PH stainless steel. **IP68** protection.



"JBQ": EQUALISED JUNCTION BOX, WITH UP TO 4 LOAD CELLS

IP67 junction box fitted with electronic board for junction and equalisation of 2, 3, or 4 load cells. Terminal boards with a screw for easing the connection of the load cells and the signal adjustment trimmer, for an accurate and reliable equalisation.



"JB10Q": EQUALISED JUNCTION BOX, WITH UP TO 10 LOAD CELLS

Junction box fitted with electronic board for junction and equalisation of up to 10 load cells. Particularly suitable for weight bridges, thanks to the Surge Arresters against electric discharges and disturbances. Case suitable for harsh environments, with metallic fairleads and grounding. Terminal boards with a screw for easing the connection of the load cells and the signal adjustment trimmer, for an accurate and reliable equalisation.



"JBQI": EQUALISED JUNCTION BOX WITH 4/6 INPUTS, IN IP65 STAINLESS STEEL

Stainless steel junction box with IP65 protection from water and dust, and fitted with electronic board for junction and equalisation of 4 or 6 load cells. Terminal board with screw for easing the connection of the load cells and the signal adjustment trimmer, for an accurate and reliable equalisation.



"JBQAI": EQUALISED JUNCTION BOX FOR ATEX ENVIRONMENTS

Stainless steel junction box with IP66 protection from water and dust, and fitted with an intrinsically safe electronic board for junction and equalisation of load cells. Terminal boards with screws for easing the connection of the load cells and signal adjustment trimmer, for an accurate and reliable equalisation. Marking: ATEX II 2G Ex ib IIC T6 Gb for gases. ATEX II 2D Ex tb IIIC T115°C Db IP65 for dust.



"JCQ": EQUALISED JUNCTION CARDS FOR LOAD CELLS

Junction and equalisation cards for up to 10 load cells. Simple to install and connect thanks to the screw terminal boards and the signal adjustment trimmers.



"PLZ": ALUMINIUM LOAD CELLS KIT FOR ASSEMBLING FLOOR SCALES

Ideal for creating platforms with 4 load cells of various sizes and capacities. The kit is made up of 4 IP67 aluminium load cells, OIML approved, together with adjustable nickel-plated steel resting feet and an equalisation box.



"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.



"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.



"WK" ELECTRONICS AND LOAD CELLS KIT FOR WEIGHBRIDGES

Weighbridges kit made up of 3590ET touch screen weight indicator with AF03 software for weighbridges, 6 or 8 stainless steel IP68 "RCA" analogue load cells or "RCD" digital load cells, complete with galvanized steel oscillating resting joints and junction box with surge arresters.



"WKPT" ELECTRONICS AND ANALOGUE LOAD CELLS KIT FOR WEIGHBRIDGES

Analogue weighbridges kit made up of 3590ET touch screen weight indicator with AF03 software for weighbridges, 8 stainless steel IP68 "RCPT" analogue load cells, complete with galvanized steel oscillating resting joints and junction box with surge arresters.



"WBKPTA" ELECTRONICS AND ANALOGUE LOAD CELLS KIT FOR WEIGHBRIDGES

Kit for weighbridges made up of 8 RCPT series IP68 stainless steel analogue load cells, complete with galvanized steel oscillating resting joints and 10 input junction box.



"WBKPTD" ELECTRONICS AND DIGITAL LOAD CELLS KIT FOR WEIGHBRIDGES

Kit for weighbridges made up of 8 RCPTD series IP68 stainless steel digital load cells, complete with galvanized steel oscillating resting joints and 10 input junction box (available for 3590E TOUCH SCREEN indicator).



Assembly kits series "KFXDN" in STAINLESS steel for FXC/FXD BENDING BEAM load cells

Assembly kits for FXC and FXD series bending beam cells up to 500kg, suitable for weighing belts, hoppers, tanks and mixers with small or medium size.

ADVANTAGES:

- Body in STAINLESS steel AISI 304.
- Easy and fast assembly.
- Upper plate with antivibration joint.
- ATEX version available for zones 1&21, 2&22.



Nickel-plated kit "KSBC" series, for shear beam SBX load cells

Assembly kit for shear beam load cells SBX series, up to 2.500kg. Suitable for weighing of hoppers, tanks, platforms, etc.

ADVANTAGES:

- Nickel-plated construction
- Higher plate with spherical joint, for optimal weighing precision
- Anti-overturn
- Locking/bypass system for facilitated transport and maintenance
- Quick installation/removal of the load cell (even if full- loaded)



Assembly kits in nickel-plated steel "KSBN" series for SBX/SBK shear beam load cells

Assembly kits for shear beam load cells SBX/SBK series up to 2500kg, suitable for hoppers, tanks, platforms, etc.



ADVANTAGES:

- Structure in nickel-plated steel.
- Easy and fast assembly.
- Upper plate with spherical joint for excellent measuring accuracy.
- Height adjustment for a correct leveling.

"KSBX" series STAINLESS steel kit, for SBK/SBX shear beam load cells

Assembly kit for SBX/SBK shear beam load cell up to 2.500 kg. Suitable for weighing of hoppers, tanks, platforms etc.



ADVANTAGES:

- AISI 304 STAINLESS steel construction
- Higher plate with configurable system "lock, "side" or "free".
- Mechanical joint for optimal weighing precision
- Height regulation for a correct levelling of the structure
- Anti-overturn
- Locking/bypass system for facilitated transport and maintenance
- ATEX version available, for zones 1&21, 2&22.

Assembly kits in STAINLESS steel "KDSBN" series, for DSBI double shear beam load cells

Assembly kits for double shear beam load cells DSBI series up to 30,000kg, suitable for weighing hoppers, tanks and silos of big size.



ADVANTAGES:

- Body in STAINLESS steel AISI 304.
- Centering plate/electrostatic bypass.
- Anti-overturn system.
- Locking/bypass system for facilitated transport and maintenance.
- ATEX version available for zones 1&21, 2&22.

NICKEL-PLATED STEEL INSTALLATION KIT FOR CP/CPX LOAD CELLS

Installation kit for compression load cells series CP/CPX up to 12.500kg, suitable for silos, tanks and hoppers weighing.



ADVANTAGES:

- Self-centering connection segment between lower and upper plates.
- Protection against electrostatic charges
- Anti-overturn system
- Blocking system for an easy maintenance and a safe shipment

Assembly kits in STAINLESS steel "KCPN" series, for CPX compression load cells

Assembly kits for compression load cells CP/CPX series up to 100,000kg, suitable for weighing silos, tanks, hoppers of big size.

ADVANTAGES:

- Body in STAINLESS steel AISI 304.
- Centering plate.
- Protection against electrostatic discharges.
- Anti-overturn system.
- Locking/bypass system for facilitated transport and maintenance.
- ATEX version available for zones 1&21, 2&22.



Assembly kits in STAINLESS steel "ELGO" series, for CPX compression load cells

Thanks to the ELGO modular kit, it is possible to quickly install CP/CPX compression load cells, up to 12.500kg, for weighing of silos, tanks, or different kinds of structures, containing installation costs. Built in STAINLESS steel and extremely simple to clean, ELGO is ideal for weighing in environments which are hostile, or that have high hygiene requirements. ATEX certification II 2GD c IIC T6 85°C.



Assembly kit in galvanized steel "RBJ" series, for STU/STG/STFU tension load cells

Articulated joints for the correct installation of the tension load cells.



Dini Argeo Srl Tension - A Tracción - Dini Argeo - Scales and weighing systems

Steel devis for the easy installation of the tension load cells. In combination with the RBJ rod-end ball joints, they allow you the correct alignment of the suspended load.



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