

RL5426 LOADCELL

Canister Load Cell



Installation Kit

- The 173798 kit allows a correct installation of the RL5426 load cells below the weighbridge plate.
- The kit consists of an upper cup and a lower cup with anti-rotation system. All components are made from stainless steel. Both cups are designed for optimal operation in conjunction with the cell's self-centring spherical bases, allowing their proper oscillation and return to position.

Connection

Cable Color Code	
RED	INOUT +
BLACK	INPUT -
GREEN	OUTPUT +
WHITE	OUTPUT -
YELLOW	SENSE +
BLUE	SENSE -
METAL	Shield

Available Versions

Code	Max (kg)
177965	40,000

Canister load cells for CE-M approved weighbridges, tanks, silos, etc. Manufactured in stainless steel, IP69K protection degree, 6000 divisions.

h= 118.5 mm.

Technical Features

METROLOGICAL FEATURES

- Rated Capacity: (FS): 20t, 30t, 50t.
- Combined Error: 0.015 %F.S.
- Creep Error (after 30 min.): 0.01 %F.S.
- Temperature effect on zero: 0.01 %F.S./5°C.
- Temperature effect on sensitivity: 0.008 %F.S./10°C.

OIML R60

- Vmin= Emax/18000.
- Accuracy Class:C6.
- Max. number of intervals: 6000e OIML.

ELECTRONIC\MECHANICAL FEATURES

- Gas dischargers to protect against atmospheric discharges.
- Power Supply: 5÷15 Vdc.
- Rated Output at F.S.: 2 ± 0.1% mV/V.
- Input Resistance: 800 ± 3Ω.
- Output Resistance: 700 ± 3Ω.
- Insulation Resistance: 5000MΩ.
- Operating Temperature: -35 ~ +70 °C.
- Compensated Temperature for homologation: -10 ~ +40 °C.
- Storage Temperature Limits: -40° ~ +80°.
- Normal Service: 120% F.S.
- Maximum Load / Safe Load: 150% F.S.
- Ultimate Overload: 300% F.S.
- IP69K protection degree.
- Stainless steel body.
- 6-core cable, l= 20 m, 6,5mm diameter.
- Nickel plated steel cable gland.
- Self-centring spherical bases.
- Equipped with anti-rotation system, to be combined with 173798 cups for proper operation.

