

RL5426DC LOAD CELL

Digital Canister Load Cells, In Stainless Steel With Connectors

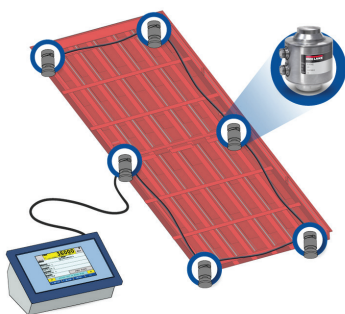


Connection

Cable Color Code	
RED	EXC +
BLACK	EXC -
GREEN	A +
WHITE	B -
METAL	SHIELD

Installation Kit

- The 173793 kit allows a correct installation of the RL5426DC 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.



Available Version

Code	Max (kg)
RL5426DC-30T	30,000
RL5426DC-40T	40,000

Digital canister load cells for CE-M approved weighbridges, tanks, silos, etc. manufactured in stainless steel, IP68 protection degree, 6000 divisions.

Specifically developed for working without junction box.

CAPACITIES: 30 t, 40 t.

OIML R60. C6 precision class.

Stainless steel body. IP68 Protection Degree.

h= 118.5 mm.

Technical Features

METROLOGICAL FEATURES

- Rated capacity: (FS): 30 t, 40 t.
- Combined error: 0.015 %F.S.
- Creep error (after 30 min.): 0.01 %F.S.
- Temperature effect on zero: 0.02 %F.S./10°C.
- Temperature effect on sensitivity: 0.008 %F.S./10°C.
- Non-linearity error: 0.01%F.S.
- Non-repeatability error: 0.006%F.S.
- Vmin= Emax/18000
- Accuracy class: C6
- Max. number of intervals: 6000e (EC Test Certificate, according to OIML R60 (2000).

ELECTRONIC\MECHANICAL FEATURES

- Gas dischargers to protect against atmospheric discharges.
- Double connector for load cells interconnection and weight indicator connection, without junction box.
- Halfduplex RS485 communication technology.
- Rice Lake communication protocol.
- Power Supply: 8÷15 V (AC or DC).
- Rated digital output: 60000 d.
- Current consumption: 35 mA.
- Internal resolution: 24 bit.
- Converter rate: max. 40 conv./sec.
- RS485 communication speed: Max 100kHz.
- Operating temperature: -35 ~ 70 °C.
- Compensated temperature: -10 ~ 40 °C.
- Storage temperature limits: -40 ~ 80 °C.
- Normal service: 120% F.S.
- Maximum load / Safe load: 150% F.S.
- Ultimate overload: 300% F.S.
- IP68 protection degree.
- Stainless steel body.
- 4-core RS485 cable as optional with stainless steel shield, diameter 7mm.
- Self-centring spherical bases.
- Equipped with anti-rotation system, to be combined with 173798 cups for proper operation.

