

"RL5426" SERIES

Rice Lake Canister Load Cell, In Stainless Steel



Connection

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

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.

Available versions

Code	Max (kg)
177961	20 000
177963	30 000
177965	40 000
177967	50 000

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

CAPACITIES: 20 t, 30 t, 40t, 50 t.

OIML R60. C6 precision class.

Stainless steel body. IP69K Protection Degree.

20 m Cable.

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 %FS
- 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

ELECTRONICMECHANICAL FEATURES

- Gas dischargers to protect against atmospheric discharges
- Power Supply: 5÷15 Vdc
- Rated output at F.S.: $2 \pm 0.1\%$ mV/V
- Input resistance: $800 \pm 3\Omega$
- Output resistance: $700 \pm 3\Omega$
- 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

