

## RL5426

RICE LAKE CANISTER LOAD CELL, IN STAINLESS STEEL, "RL5426" SERIES



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

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

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**OIML R60. C6** precision class.

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**Stainless steel** body. **IP69K** Protection Degree.

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20 m Cable.

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h= 118,5 mm.

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The best solution  
for advanced industrial  
applications

## • 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

- $V_{min} = E_{max}/18000$
- 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.:  $2 \pm 0.1\%$  mV/V
- Input resistance:  $800 \pm 3\Omega$
- Output resistance:  $700 \pm 3\Omega$
- Insulation resistance: 5000M $\Omega$
- 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

## • 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.

## VERSIONS

### Available versions

Codice	Max (kg)
177965 	40 000



**DINI ARGEO**  
FRANCE sarl  
France

**DINI ARGEO**  
GMBH  
Germany

**DINI ARGEO**  
UK Ltd  
United Kingdom

**DINI ARGEO WEIGHING**  
INSTRUMENTS Ltd  
China

**DINI ARGEO**  
OCEANIA  
Australia



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