

## RL5416

RICE LAKE CANISTER LOAD CELL, IN STAINLESS STEEL, "RL5416" SERIES



Canister load cells for CE-M approved weighbridges, tanks, silos, etc. Manufactured in STAINLESS STEEL, IP69K protection degree, 4000 divisions.

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

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**OIML R60. C4** precision class.

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

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20 m Cable.

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h= 150mm.

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The best solution  
for advanced industrial  
applications

## • TECHNICAL FEATURES

### METROLOGICAL FEATURES

- Rated capacity: (F.S.): 20 t, 30 t, 50 t
- Combined error: 0,02 %F.S.
- Creep error (after 30 min.): 0,02 %F.S.
- Temperature effect on zero: 0,003 %F.S./°C
- Temperature effect on sensitivity: 0,0008 %F.S./°C

### OIML R60

- $V_{min} = E_{max}/18000$
- Accuracy class: C4
- Max. number of intervals: 4000e 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: -20 ~ +70 °C
- Compensated temperature for homologation: -10 ~ +40 °C
- Storage temperature limits: -40° ~ +80°
- Safe load limit: 120% F.S.
- Ultimate overload: 150% F.S.
- IP69K protection degree
- Stainless steel body
- 6-core cable, l= 20 m
- Nickel plated steel cable gland
- Self-centring spherical bases
- Equipped with anti-rotation system, to be combined with 173793 cups for proper operation

## CONNECTION

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

## VERSIONS

### Available versions

Codice	Max (kg)
168084 	20 000
168087 	30 000
168089 	40 000
168090 	50 000



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