

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.

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

OIML R60. C4 precision class.

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

20 m Cable.

h= 150mm.

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 Ω
- 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

ATEX VERSION

- The CCATEX certificate makes the load cell suitable for use in hazardous areas with protection methods according to:
Ex II 3G Ex nA IIC T6 Gc
Ex II 3D Ex tc IIIC T115°C Dc IP69k.

The certificate includes the manual and the ATEX CE conformity declaration (available in EN, DE, FR, and IT).

IMPORTANT: the certificate refers to the single load cell. For systems with more load cells, it is necessary to order one certificate for each load cell.

• CONNECTION

Cable Color Code	
RED	INPUT +
BLACK	INPUT -
GREEN	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



“YOUR WORLDWIDE PARTNER FOR WEIGHING,”

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



COMPANY HEADQUARTERS

Via Della Fisica, 20
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 843418

SERVICE ASSISTANCE

Via Dell'Elettronica, 15
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 921784

SALES AND TECHNICAL ASSISTANCE SERVICE