DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

RL5416DC_OLD20220308

RICE LAKE DIGITAL CANISTER LOAD CELLS, IN STAINLESS STEEL, “RL5416DC” SERIES WITH CONNECTORS

Digital canister load cells for CE-M approved weighbridges, tanks, silos, etc. Manufactured in STAINLESS STEEL, IP68 protection degree, 4000 divisions.

Specifically developed for working without junction box.

CAPACITIES: 30 t, 40 t

OIML R60. Australian approval. **C4** precision class.

Stainless steel body. **IP68** Protection Degree.

h= 150 mm.

The best solution for advanced industrial applications

TECNICAL FEATURES

METROLOGICAL FEATURES

- Rated capacity: (FS): 30 t, 40 t
- Combined error: 0,02 %F.S
- Creep error (after 30 min.): 0,02 %FS
- Temperature effect on zero: 0,003 %F.S./°C
- Temperature effect on sensitivity: 0,0008 %F.S./°C

OIML R60

- Vmin= Emax/18000
- Accuracy class: C4
- Max. number of intervals: 4000e (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.
- RS485 communication technology
- Rice Lake communication protocol
- Power Supply: 8...15 Vdc
- Rated digital output: 40000 d
- Current consumption: 35 mA
- Internal resolution: 24 bit
- Converter rate: max. 40 conv./sec.
- RS485 communication speed: Max 100kHz.
- Operating temperature: -20 ~ +70 °C
- Compensated temperature: -10 ~ +40 °C
- Safe load limit: 120% F.S.
- Ultimate overload: 150% F.S.
- IP68 protection degree
- Stainless steel body
- 4-core RS485 cable as optional, 7mm diameter
- 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	EXCITATION +
BLACK	EXCITATION -
GREEN	A+
WHITE	B-
METAL	Shield

INSTALLATION KIT

- The 173793 kit allows a correct installation of the RL5416DC 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)
195843	30 000
195844	40 000

www.diniargeo.com

DINI ARGEO FRANCE sarl	DINI ARGEO GMBH	DINI ARGEO UK Ltd	DINI ARGEO WEIGHING INSTRUMENTS Ltd	DINI ARGEO OCEANIA
France	Germany	United Kingdom	China	Australia

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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

All the specifications and images can be subject to variations and upgrades without prior notice.