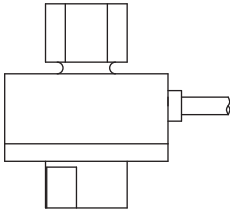


STRAIN GAUGE LOAD CELL

(Tension and compression type)

Functions & Features

- Rated capacity 2 kN
- Small and light



Hysteresis: ± 0.5 % R.O.

Repeatability: ± 0.5 % R.O.

Temperature effect on zero: ± 0.05 % R.O./°C

Temperature effect on output: ± 0.05 % LOAD/°C

Insulation resistance: 1000 MΩ or more (B/E 50V DC)

MODEL: LCCT-2K-4

ORDERING INFORMATION

- Code number: LCCT-2K-4

GENERAL SPECIFICATIONS

Cable type: 3 dia., 4-core shielded cable, split wire at the end

Cable length: 3 m

Body material: stainless

Rated flexure: 0.01 mm or less

Natural frequency: Approx. 20 kHz

INPUT SPECIFICATIONS

Rated capacity (R.C.): 2 kN (204 kgf)

Safe overload: 150 % R.C.

Recommended excitation voltage: 10 V

Maximum excitation voltage: 15 V

Input terminal resistance: Approx. 500 Ω

OUTPUT SPECIFICATIONS

Rated output (R.O.): 2 mV/V ± 10 %

Output terminal resistance: Approx. 500 Ω

INSTALLATION

Compensated temperature range: -10 to +60 °C (14 to 140 °F)

Safe temperature range: -20 to +70 °C (-4 to 158 °F)

Weight: 35g (1.23 oz)

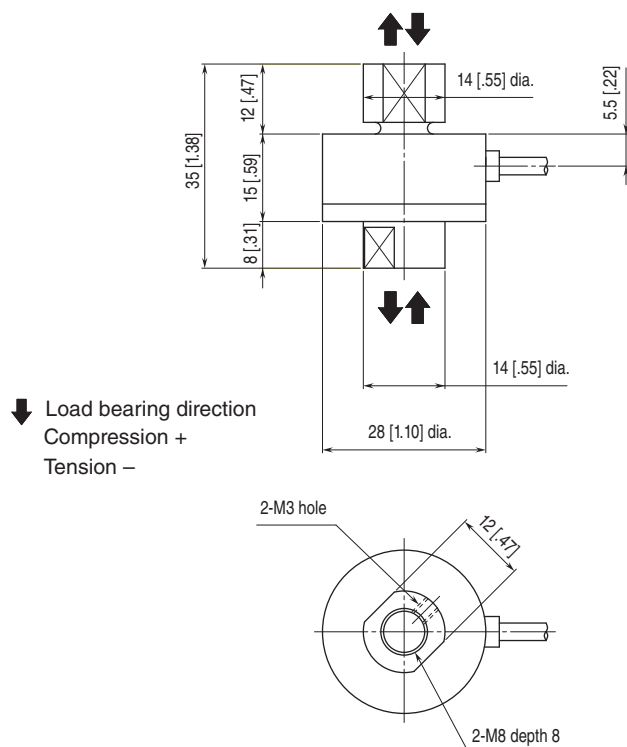
PERFORMANCE in percentage of span

Rated output error: ± 10 %

Zero balance: ± 10 % R.O.

Non-linearity: ± 0.5 % R.O.

EXTERNAL DIMENSIONS unit: mm [inch]



• WIRING COLOR

ITEM	COLOR
Excitation voltage +	Red
Excitation voltage -	White
Output signal +	Green
Output signal -	Black
Shield	Yellow



Specifications are subject to change without notice.