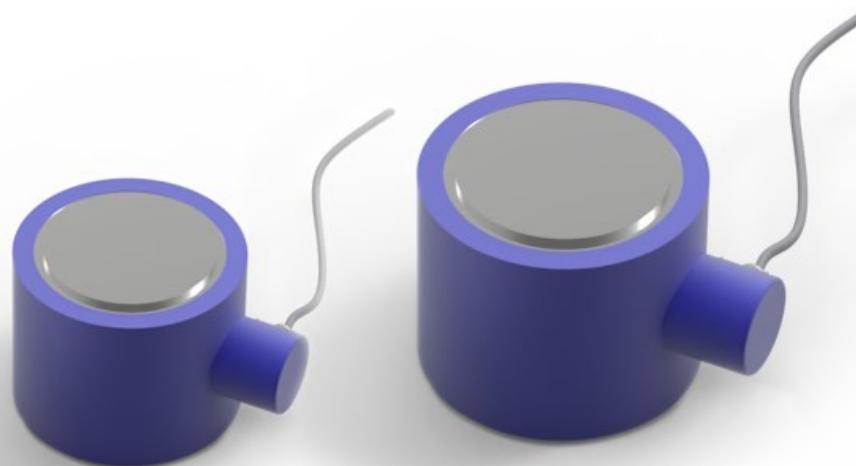


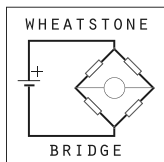
L2CT

— **SOLID
RESISTIVE
LOAD CELLS**

PRESSURE
& LOAD CELLS



SOLID RESISTIVE LOAD CELLS



Specially designed for pile testing, these robust load cells have a heat-treated steel body instrumented with either 4 or 8 strain gauges.

The cells provide long-term stability under heavy operating conditions.

They can be connected to remote data logging system for real time monitoring.

APPLICATIONS

- Specially designed for pile load testing

FEATURES

- Full wheatstone bridge for accuracy
- Robust construction for demanding field conditions
- Excellent long-term stability
- Direct reading of load with OMNIAlog data logger

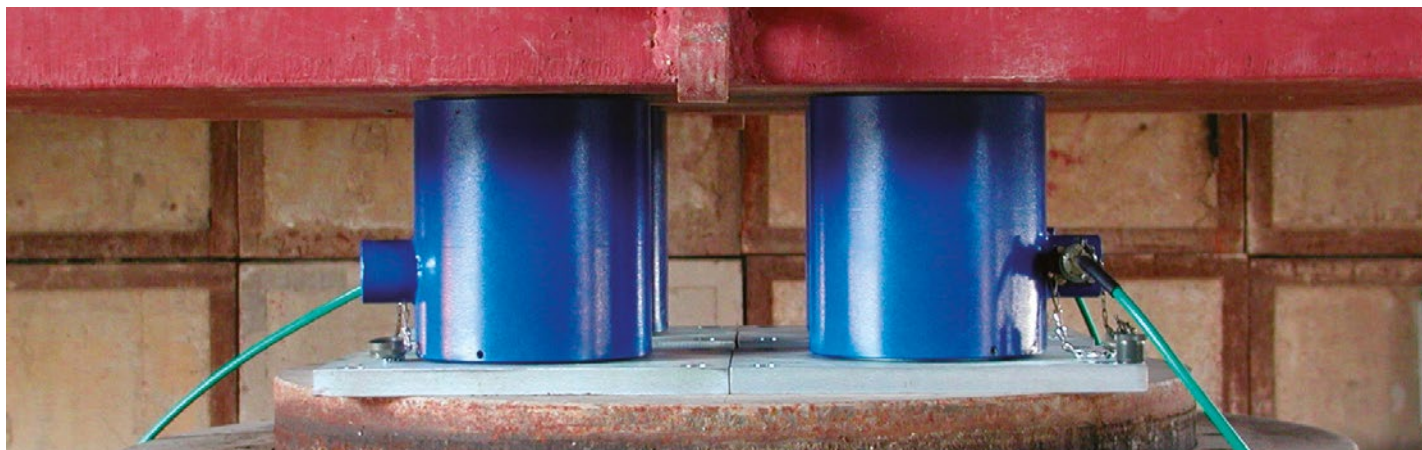
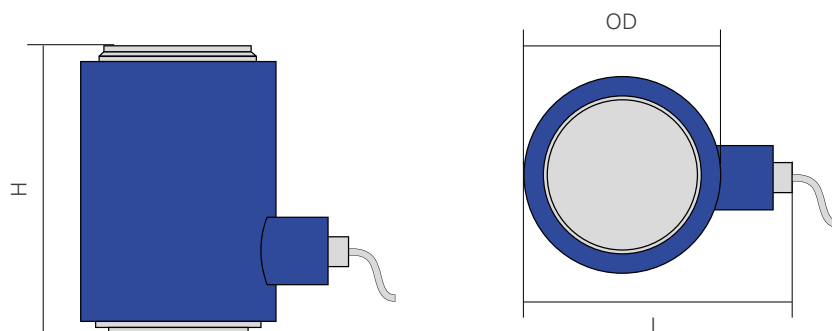


Meets the essential requirements of the EMC Directive 2004/108/EC

L2CT TECHNICAL SPECIFICATIONS

PRODUCT CODES	0L2CT050000	0L2CT080000	0L2CT100000
Capacity	5000 KN (510 metric tons)	8000 KN (815 metric tons)	10000 KN (1020 metric tons)
Overload	1.5 X capacity	1.5 X capacity	1.5 X capacity
Repeatability	< ±0.03% FS	< ±0.03% FS	< ±0.03% FS
Accuracy	< ±0.1% FS	< ±0.1% FS	< ±0.1% FS
Power supply	max 15 V DC	max 15 V DC	max 15 V DC
Signal output	2 mV/V at FS (4-20 mA on request)	2 mV/V at FS (4-20 mA on request)	2 mV/V at FS (4-20 mA on request)
Compensated temperature range	- 10°C +40°C	- 10°C +40°C	- 10°C +40°C
Temperature operating range	- 20°C +70°C	- 20°C +70°C	- 20°C +70°C
Material	17-4 PH stainless steel	17-4 PH stainless steel	17-4 PH stainless steel
OD	180 mm	216 mm	218 mm
Height (H)	200 mm	250 mm	300 mm
Overall size (OD x L x H)	150 x 220 x 200 mm	216 x 256 x 250 mm	218 x 258 x 300 mm
Protection Class	IP65	IP65	IP65

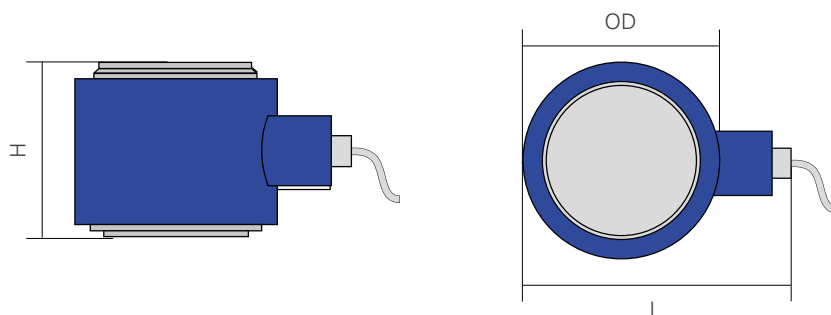
Calibration report for these load cell can be issued separately by qualified testing laboratory.



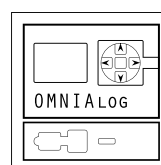
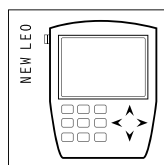
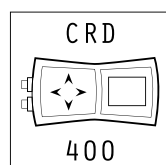
L2CX TECHNICAL SPECIFICATIONS

PRODUCT CODES	0L2CX030000	0L2CX040000	0L2CX050000
Capacity	3000 KN (306 metric tons)	4000 KN (408 metric tons)	5000 KN (510 metric tons)
Overload	1.5 X capacity	1.5 X capacity	1.5 X capacity
Repeatability	< ±0.02% FS	< ±0.02% FS	< ±0.02% FS
Accuracy	< ±0.5% FS	< ±0.5% FS	< ±0.5% FS
Power supply	max 15 V DC	max 15 V DC	max 15 V DC
Signal output	2 mV/V at FS (4-20 mA on request)	2 mV/V at FS (4-20 mA on request)	2 mV/V at FS (4-20 mA on request)
Compensated temperature range	- 10°C +40°C	- 10°C +40°C	- 10°C +40°C
Temperature operating range	- 20°C +70°C	- 20°C +70°C	- 20°C +70°C
Material	39NiCrMo3 galvanized alloy steel	39NiCrMo3 galvanized alloy steel	39NiCrMo3 galvanized alloy steel
OD	135 mm	180 mm	180 mm
Height (H)	110 mm	110 mm	110 mm
Overall size (OD x L x H)	135 x 175 x 110 mm	180 x 220 x 110 mm	180 x 220 x 110 mm
Protection Class	IP67	IP67	IP67

Calibration report for load cell with range > 3000 KN can be issued separately by qualified testing laboratory.



READABLE BY



Refer to separate datasheets for further information.

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TECHNICAL ASSISTANCE

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