CLP

PIN TYPE LOADCELL FOR LIFTING SYSTEMS

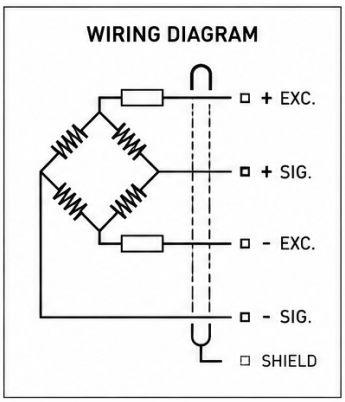


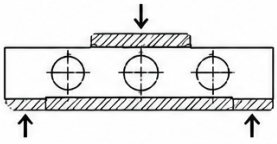
CL	P	10	SS	2	1	1
Product family	**Mounting type**	**Capacity (t)**	**Body material**	**Resistance**	**Output**	**Version**
CLP Pin type load cell	P: Pin type W: Wire rope	1 / 2 / 3 / 5 10 / 15 / 20 / 50	S: Alloy steel SS: Stainless steel	2: 350 Ω 4: 700 Ω	mV I: 4–20 mA V: 0–10 V M: Modbus RTU	1: Standard 2: Special

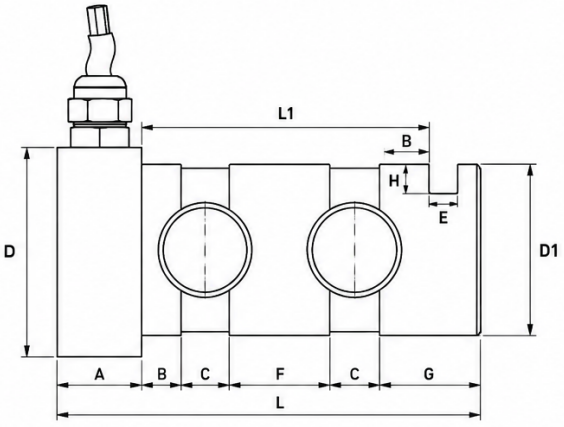
DESCRIPTION

CLP Pin Type Load Cell offers high accuracy and reliable measurement performance thanks to its cylindrical pin-type design and its ability to measure from four different points. It is designed for use in cranes, mobile weighing applications, and various industrial load measurement systems. CLP can be manufactured in different dimensions and capacities according to application requirements. In addition to the standard mV/V signal output, it offers 4–20 mA, 0–10 V analog, and RS485 digital output options, ensuring easy integration with a wide range of control and automation systems.

TECHNICAL DIMENSIONS







CAPACITY	D	D1	L	L1	A	B	C	E	F	G	H	CABLE
1 - 2 Ton	39	30	81	52	16	7	10	6	18	20	6	3.5 m
3 Ton	44	35	82	55	16	8	10	6	19	19	6	3.5 m
5 Ton	49	40	96	64	20	9.5	12	7	21	21.5	8	3.5 m
10 Ton	59	50	114	80	20	10	16	7	28	24	8	3,5 m

All dimensions are in mm.

CABLE LENGTH: 3.5 m

TOLERANCE: ±1 mm

Rev. 0.0

COTO IND.ENG

- SALES DEPARTMENT: coto@coto.com.tr
- Phone: (+90) 533 580 00 00

ISO 9001
ISO 14001

www.coto.com.tr

CLP
PIN TYPE LOADCELL FOR LIFTING SYSTEMS

MAIN FUNCTIONS

Connections to:
- PC/PLC via RS485/RS232;
- remote display via RS485/RS232;
-4 strain gauges for maximum load measurement accuracy.

CERTIFICATIONS

CE certification for European Union countries.

IP66-rated protection against dust and powerful water jets.

Pb free

TECHNICAL FEATURES

Capacity	From 1 Ton to 200 Ton
Accuracy	D1
Max.Recommended Excitation Voltage	15 VDC
Recommended Excitation	10 VDC
MinMeasurement Interval (Y=Emax / Vmin)	-
Total Error	±0.5 %FS
Rated Output (FS)	1.2 ± 0.2mV/V
Zero Balance	± 1 %FS
Input Resistance	380 Ω ± 20 Ω 720 Ω ± 20 Ω
Output Resistance	350 Ω ± 5 Ω 702 Ω ± 5 Ω
Insulation Resistance	≤ 5000 MΩ (100VDC)
Compensated Temperature Range	-10 ˜ + 40 °C (Optional)
Operation Temperature Range	-30 ˜ + 70 °C
IP Rating	IP 66
Material	Alloy Steel / Stainless Steel
Safe Overload Capacity / Ultimate Load	150 % FS / 300 % FS

OPTIONS ON REQUEST





DESCRIPTION

CED: Enclosure: Aluminum profile, IP54 protection, plexiglass front panel
Dimensions: CED-4X:770*150*100 mm CED-3X:620*150*100 mm (four fixing holes Ø4 mm

- CLL**
- SCM and Overload Limiter Control Unit
- For more information, please visit the product page.

CLB
- SCM and Overload Limiter Control Unit
- For more information, please visit the product page.

- OPTIONS
- With BLACKBOX functions
- Integrated RF (radio) interface for connecting multiple units RF frequency 2.4 GHz (128 channels)
-Average range of coverage 100 metres

Rev. 0.0

The Company reser ves the right to make changes to the technical data, drawings and images without notice.