

CPX

CPX SERIES LOW PROFILE LOAD CELLS



Stainless steel compression load cells suitable for weighing tanks and hoppers with the relevant accessories.

CAPACITIES (kg): 250, 500, 1000, 2500, 5000, 7500, 10000, 12500, 15000, 30000, 50000, 100000.

OIML R60, C3 precision class from 2500 to 12500kg.

Stainless steel. **IP68/IP69K** protection.

Working in cooperation with:

KAS CONTROL CO.,LTD.

THAKHAM RD. 90/4 - 10150 - BANGKOK - THAILAND
Tel. 020454155 Fax. 020454151
sungkheed@kascontrol.co.th

The best solution
for advanced industrial
applications

MAIN FEATURES

- CAPACITIES FROM 250 TO 100000 kg
- CE-M C3 APPROVED, from 2500 to 12500 kg
- LOW PROFILE
- GREAT RESISTANCE TO LATERAL FORCES
- STAINLESS STEEL CONSTRUCTION
- IP68 PROTECTION, IP69K UPON REQUEST
- SHIELDED CONNECTION CABLE

TECHNICAL FEATURES

- Minimum load cell verification interval: $V_{min} = E_{Max} / 10000$
- Full Scale Output: 2mV/V +/- 0,5%
- Non-Repeatability: 0,01% F.S.
- Combined Error 0,05%
- Temperature effect on zero: 0,02% / 10°C
- Temperature effect on full scale output: 0,02% / 10°C
- Compensated Temperature Range: -10°C/+40°C
- Operating Temperature Range: -20°C/+60°C
- Creep error after 30 minutes: 0,02% F.S.
- Recommended excitation voltage: 10 Vdc
- Maximum tolerated excitation voltage: 15 Vdc
- Input Resistance: $750 \pm 10 \text{ Ohm}$
- Output Resistance: $700 \pm 5 \text{ Ohm}$
- Zero Balance: +/-1% F.S.
- Insulation Resistance: >5000 MOhm
- Safe Overload: 120% F.S.
- 4-wire shielded cable, 5 mm diameter:
 - 5 m long for CPX 250...5000 versions;
 - 10 m long for CPX 7500...100000 versions.

<u>Wiring Code</u>	
<u>Colour</u>	<u>Function</u>
--	SHIELD
GREEN	OUTPUT +
RED	INPUT +
WHITE	OUTPUT -
BLACK	INPUT -

VERSIONS

Available versions	
Codice	Max (kg)
CPX250	250
CPX500	500
CPX1000	1000
CPX2500 	2500
CPX5000 	5000
CPX7500 	7500
CPX10000 	10000
CPX12500 	12500
CPX15000	15000
CPX30000	30000
CPX50000	50000
CPX100000	100000



www.diniargeo.com



DINI AR GEO
FRANCE sarl
Nogent-sur-Marne

DINI AR GEO
GMBH
Sinsheim - Germany

DINI AR GEO
UK Ltd
Taunton - United Kingdom

DINI AR GEO WEIGHING
INSTRUMENTS Ltd
Shanghai - China

DINI AR GEO
WEIGHBRIDGES
Calto (RO) - Italy



HEAD OFFICE
Via Della Fisica, 20
41042 Spezzano di Fiorano Modena - Italy



KAS CONTROL CO.,LTD.

THAKHAM RD. 90/4 - 10150 - BANGKOK - THAILAND

Tel. 020454155 Fax. 020454151

sungkheed@kascontrol.co.th

SALES AND TECHNICAL ASSISTANCE SERVICE