DINI ARGEO
Scales - Weighing systems

CPX

CPX SERIES LOW PROFILE LOAD CELLS



Ex OIML C4

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.

17-4 PH Stainless steel. IP68 protection. OIML C4 from 2500 to 12500kg.

The best solution
for advanced industrial
applications

MAIN FEATURES

- CAPACITIES FROM 250 TO 100000 kg
- CE-M C4 APPROVED, from 2500 to 12500 kg
- LOW PROFILE
- GREAT RESISTANCE TO LATERAL FORCES
- 17-4 PH STAINLESS STEEL CONSTRUCTION
- IP68 PROTECTION
- SHIELDED CONNECTION CABLE

TECHNICAL FEATURES

- Full Scale Output: 2mV/V +/- 0,5%
- Non-Repeatability: 0,01% F.S.
- Temperature effect on zero: 0,02% / 10°C
- Temperature effect on full scale output: 0,02% / 10°C
- Compensated Temperature Range: -10°C/+50°C
- Operating Temperature Range: -20°C/+60°C
- Creep error after 30 minutes: 0,02% F.S.
- Maximum tolerated excitation voltage: 10 VDC
- Input Resistance: 750 ± 10 Ohm
- Output Resistance: 700 ± 5 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.

VERSIONS

Models Available	
Code	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

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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE