

## 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** protection.

Working in cooperation with:

**SCALEIT AS**

VESTVOLLVEIEN 30B - 2019 - SKEDSMOKORSET - NORWAY  
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**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
- SHIELDED CONNECTION CABLE

## TECHNICAL FEATURES

- Minimum load cell verification interval:  $V_{min} = E_{Max} / 10000$
- Full Scale Output:  $2mV/V \pm 0,5\%$
- 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:  $\pm 1\%$  F.S.
- Insulation Resistance:  $>5000 \text{ MOhm}$
- 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>	
<i>Colour</i>	<i>Function</i>
--	SHIELD
GREEN	OUTPUT +
RED	INPUT +
WHITE	OUTPUT -
BLACK	INPUT -

## VERSIONS

### Available versions

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



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**SALES AND TECHNICAL ASSISTANCE SERVICE**