DINI ARGEO
Scales - Weighing systems

FXC_C6

"FXC C6" SERIES: BENDING BEAM LOAD CELLS, C6 CLASS



Bending beam load cells for approved weighing, automatic systems, dosage.

CAPACITIES (kg): 20, 50, 100, 200.

OIML R60. C6 precision class.

Stainless steel. IP68 protection.

The best solution
for advanced industrial
applications

MAIN FEATURES

- C6 PRECISION CLASS
- STAINLESS STEEL
- IP68 PROTECTION
- MAX. CAPACITIES FROM 20 TO 200 kg
- SHIELDED CONNECTION CABLE
- OIML CERTIFICATE AVAILABLE UPON REQUEST
- TEST CERTIFICATE AVAILABLE UPON REQUEST

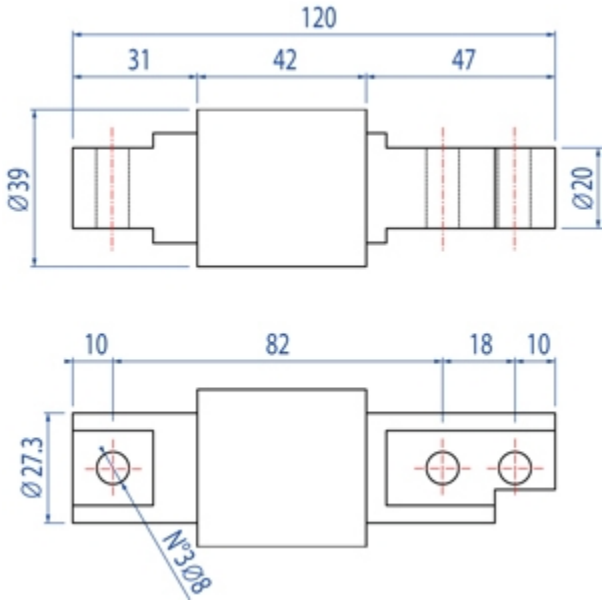
TECHNICAL FEATURES

- Minimum load cell verification interval: Vmin = EMax / 10.000
- Maximum number of verification intervals: nLC= 6000
- Full Scale Output: 2mV/V +/- 0,1%
- Combined error: 0,008% of Full Scale Output (F.S.)
- Temperature effect on zero: +/- 0,0014% /°C
- Temperature effect on full scale output: +/- 0,0007% /°C
- Compensated Temperature Range: –10°C/+40°C
- Operating Temperature Range: –20°C/+60°C
- Creep error after 30 minutes +/- 0,012% F.S.
- Maximum tolerated excitation voltage: 15 VDC
- Input Resistance: 385 ± 20 Ohm
- Output Resistance: 350 ± 5 Ohm
- Insulation Resistance: > 5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: 200% F.S.
- 4-wire shielded cable, 3m long.

ATEX VERSION

- The CCATEX certificate makes the load cell suitable for use in hazardous areas with protection methods according to:
  ATEX II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) Ga
  ATEX II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) Da IP65.
  The certificate includes the manual and the ATEX CE conformity declaration (available in EN, DE, FR, and IT).
- IMPORTANT: the certificate refers to the single load cell. For systems with more load cells, it is necessary to order one certificate for each load cell.

DETAIL 1



Dimensions (mm)

Wiring Code	
Colour	*Function*
--	SHIELD
BLACK	INPUT +
YELLOW	OUTPUT +
WHITE	OUTPUT -
GREEN	INPUT -

VERSIONS

Versioni disponibili

Codice	Max (kg)
FXC20C6	20
FXC50C6	50
FXC100C6	100
FXC200C6	200

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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE