DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

FXE

FXE SERIES BENDING BEAM LOAD CELLS



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

CAPACITIES (kg): 10, 20, 50, 100, 200, 300, 500.

OIML R60. C3 precision class.

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

Working in cooperation with:

VAHY ROBIN S.R.O.
U SOKOLOVNY 115 - 66434 MORAVSKE KNINICE CZECH REPUBLIC
Tel. 00420-777433576

The best solution for advanced industrial applications

MAIN FEATURES

- C3 PRECISION CLASS (Maximum number of legal divisions: nlC=3000)
- STAINLESS STEEL
- IP68/IP69K PROTECTION
- MAX. CAPACITIES FROM 10 TO 500 kg
- SHIELDED CONNECTION CABLE
- OIML CERTIFICATE AVAILABLE UPON REQUEST
- TEST CERTIFICATE AVAILABLE UPON REQUEST

TECHNICAL FEATURES

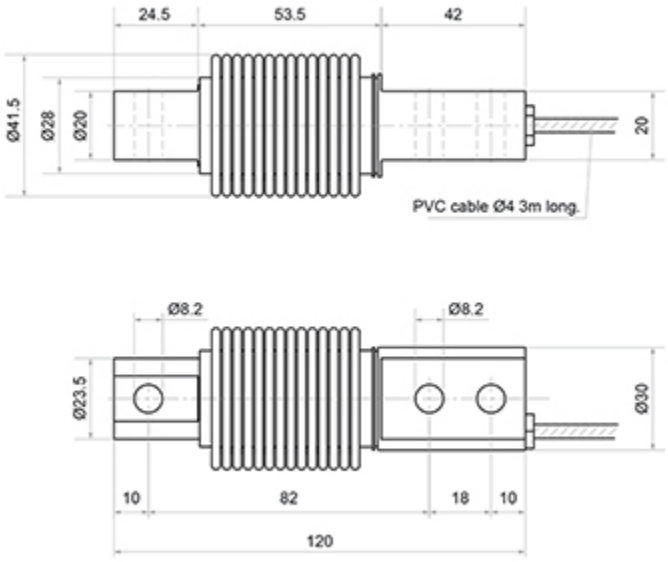
- Minimum load cell verification interval: Vmin = EMax / 10.000
- Full Scale Output: 2mV/V ± 0,1%
- Combined error: 0,017% of Full Scale Output (F.S.)
- Non-Repeatability: 0,015% F.S.
- Temperature effect on zero: ± 0,002% /°C
- Temperature effect on full scale output: ± 0,0012% /°C
- Compensated Temperature Range: –10°C/+40°C
- Operating Temperature Range: –30°C/+70°C
- Creep error after 30 minutes ± 0,016% F.S.
- Maximum Supply Voltage: 15 V
- Input Resistance: 400 ± 20 Ohm
- Output Resistance: 350 ± 3 Ohm
- Insulation Resistance: > 5000 MOhm
- Maximun Static Overload: 150% F.S.
- Breaking Overload: 200% F.S.
- Nominal displacement: 0,2-0,4 mm
- 4-wire shielded cable, 3m long, 4mm diameter.

* Refers to combined use with the mounting kits offered by Dini Argeo.

WIRING CODE

Wiring Code	
Colour	*Function*
--	SHIELD
BLACK	SIG +
RED	EXC +
GREEN	SIG -
WHITE	EXC -

DETAIL 1



VERSIONS

Available versions

Code	Max (kg)
FXE10	10
FXE20	20
FXE50	50
FXE100	100
FXE200	200
FXE300	300
FXE500	500

www.diniargeo.com



DINI ARGEO FRANCE sarl	DINI ARGEO GMBH	DINI ARGEO UK Ltd	DINI ARGEO WEIGHING INSTRUMENTS Ltd	DINI ARGEO OCEANIA
France	Germany	United Kingdom	China	Australia

DINI ARGEO
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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.