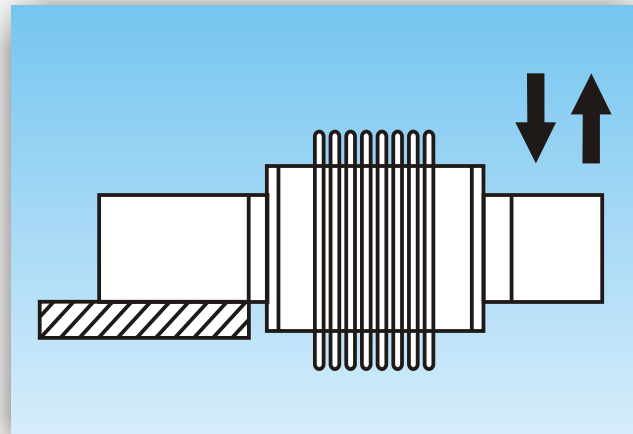
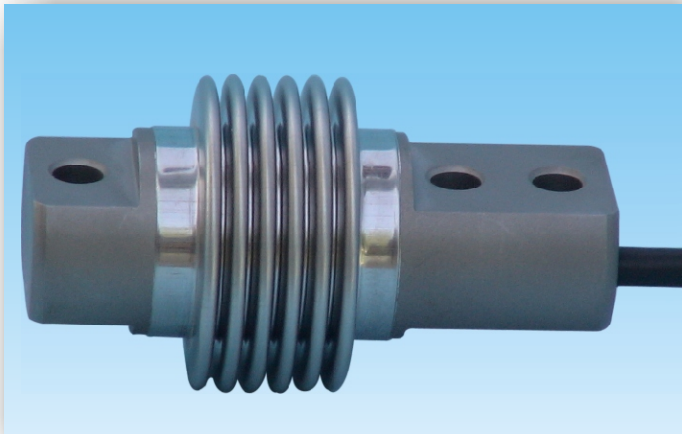


model

50210/50310

BENDING BEAM LOAD CELL



FEATURES :

- ❖ Available in two sizes
- ❖ 10 kgf. to 500 kgf. capacities
- ❖ Low profile
- ❖ Environmentally protected with S. S. Bellow
- ❖ Stainless Steel construction 17-4 PH
- ❖ IP68 environmental protection

DESCRIPTION :

- ❖ 50210/50310 is miniature round bending beam load cell
- ❖ This is available in two different sizes to meet wide industrial requirements
- ❖ It is hermetically sealed with S.S. bellow for IP68 protection class

APPLICATIONS :

- ❖ Floor Scales
- ❖ Bench Scales
- ❖ Tank & Hopper Weighing
- ❖ Auto Bagging Machine
- ❖ Batching & Packaging Machine

PERFORMANCE SPECIFICATION :

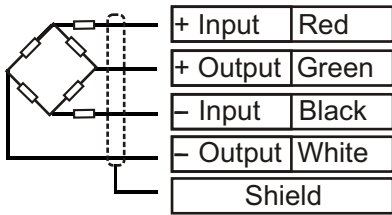
Standard Capacities (Kgf.)	50210 : 10,20,40,50,75,100,150,200 50310 : 10,20,50,100,200,500
Excitation Voltage	: 10 VDC - Maximum 15 VDC
Nominal Output	: 2.0 mV/V (Normal)
Non - Linearity	: < ± 0.025 % FSO (Full Scale Output)
Hysteresis	: < ± 0.02 % FSO
Non-Repeatability	: < ± 0.01 % FSO
Creep (30 minutes)	: < ± 0.03 % FSO
Zero Balance	: ± 1.0 % FSO
Input Resistance	: 370 Ohms (Normal)
Output Resistance	: 350 Ohms
Insulation Resistance	: > 1000 Mega Ohms at 50 V DC
Safe Overload	: 150 % of Rated Capacity
Temp. Compensated Range	: 0-60 °C
Temp. Effect on Output	: < 0.0015 % FSO/ °C
Temp. Effect on Zero	: < 0.0020 % FSO/ °C
Deflection	: < 0.5 mm at FSO
Material of Construction	: Stainless Steel -17-4 PH
Environmental Protection Class	: IP68



ADI ARTECH
TRANSDUCERS PVT. LTD.

A Joint venture with
ARTECH INDUSTRIES INC., U.S.A.

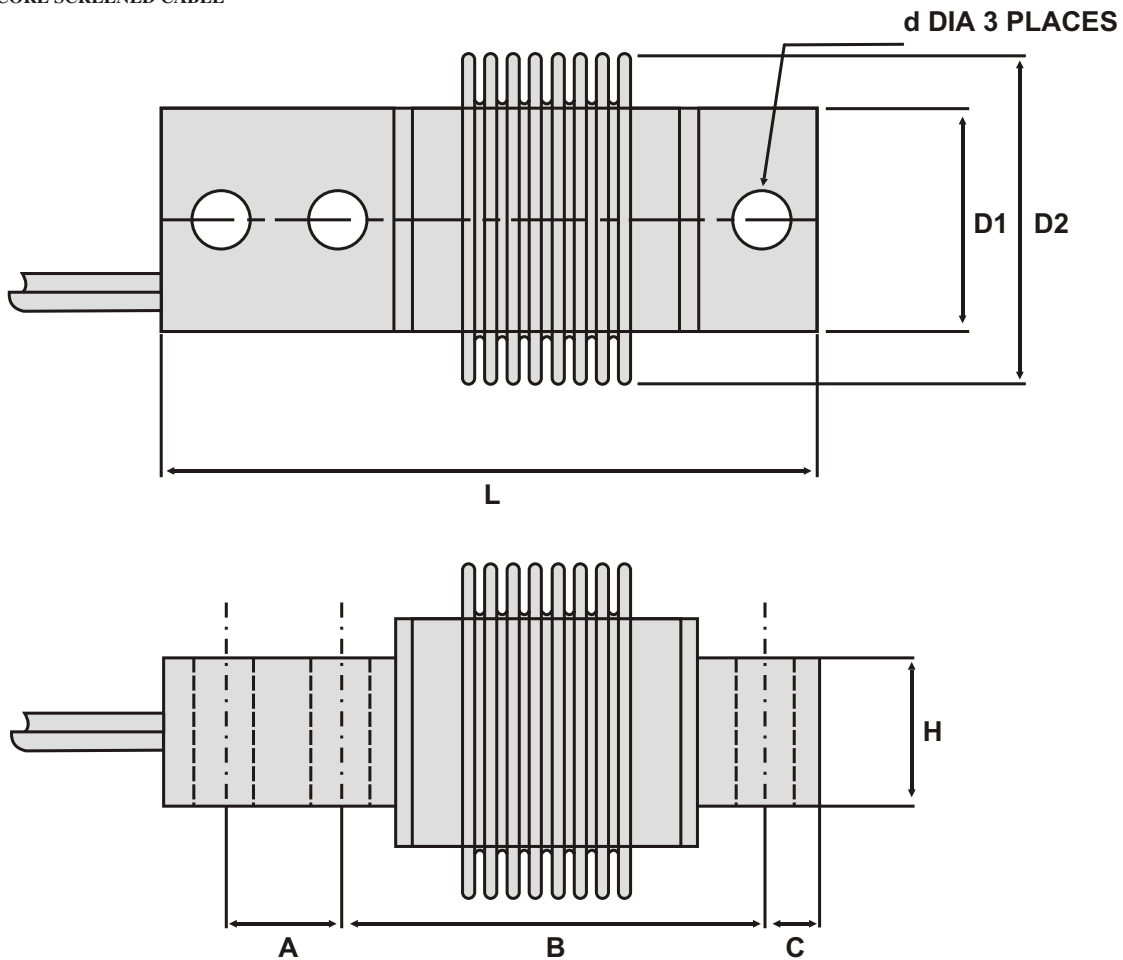
ELECTRICAL TERMINATION



4 CORE SCREENED CABLE

Type	A	B	C	d	D1	D2	H	L
50210	12.5	46	6	6.4	25	36	16	71
50310	18	82	10	8.2	29.5	45	20	120

All dimensions are in mm.



ORDER INFORMATION :

ADI ARTECH is dedicated in maintaining adequate inventories of its Load Cells to provide the best service in the industry.

Order by the model number and indicate the capacity required.

Specifications are subject to change without notice

	Manufactured by :	917/1, G.I.D.C. ESTATE, MAKARPURA, VADODARA - 390 010 (INDIA)
	ADI ARTECH	Phone : 2655083/2651023
	TRANSDUCERS PVT. LTD.	FAX : (91) 0265-2638751
	A Joint venture with ARTECH INDUSTRIES INC., U.S.A.	E-mail : sales@adiartech.com artechad1@sancharnet.in
		Website : www.adiartech.com

QUALITY * PERFORMANCE * SERVICE
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