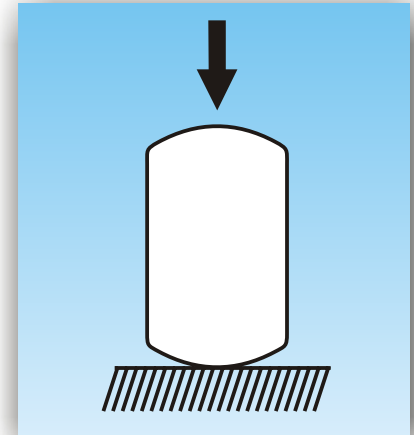


model

90410

ROCKER TYPE COMPRESSION LOAD CELL



FEATURES :

- ❖ 10 to 100Tf. Capacities offered
- ❖ Complete environmental Protection - IP68 class
- ❖ Standard output 2.0m V/V available
- ❖ Laser welded
- ❖ Stain less steel construction

APPLICATIONS :

- ❖ Weigh bridge
- ❖ Tensile testing
- ❖ Industrial automation

DESCRIPTION :

- ❖ Strain gage based design
- ❖ Temperature compensated
- ❖ Provided with anti rotation mechanism
- ❖ Can be installed easily
- ❖ Self restoring design

PERFORMANCE SPECIFICATION :

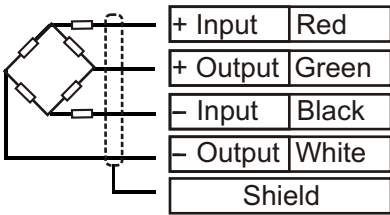
Standard Capacities (Tf.)	: 10, 20,30,40,50,60,75,100
Excitation Voltage	: 15 VDC - Maximum 20 VDC
Nominal Output	: 2.0 mV/V
Non - Linearity	: < ± 0.025 % FSO (Full Scale Output)
Hysteresis	: < ± 0.03 % FSO
Non-Repeatability	: < ± 0.02 % FSO
Creep (30 minutes)	: < ± 0.03 % FSO
Zero Balance	: ± 1.0 % FSO
Input Resistance	: 770 ± 5.0 Ohms
Output Resistance	: 700 ± 3.0 Ohms
Insulation Resistance (50VDC)	: > 1000 Mega Ohms at 50 VCD
Cable	: 4 Core Screen Cable 20 Mtrs.
Safe Overload	: 150 %
Ultimate Overload	: 300 %
Temp. Compensated Range	: 0-60 °C
Temp. Effect on Output	: < 0.0015 % FSO/ °C
Temp. Effect on Zero	: < 0.0020 % FSO/ °C
Deflection	: < 0.4 mm at rated load
Finish & Construction	: Stainless Steel - 17-4 PH Outer Casing - SS 304
Environmental Protection Class	: IP68
Transient Voltage Protection	: Provided



ADI ARTECH
TRANSDUCERS PVT. LTD.

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

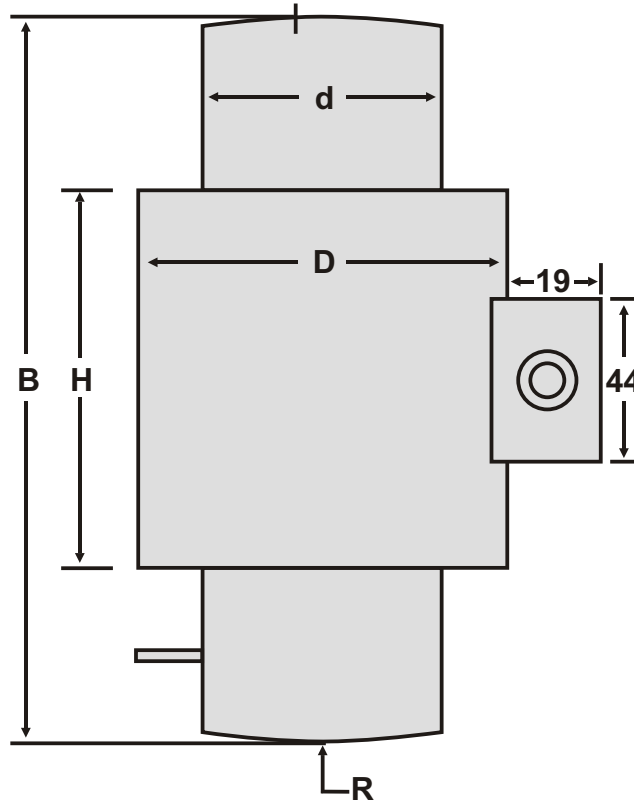
ELECTRICAL TERMINATION



4 CORE SCREENED CABLE

Capacity (Tf.)	B	R	d	D	H
10,15,20,30,40	150	150	44	90	75
45,50,60	175	150	44	90	75
75,100	200	300	65	90	100

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 : ADI ARTECH TRANSDUCERS PVT. LTD. A Joint venture with ARTECH INDUSTRIES INC., U.S.A.	917/1, G.I.D.C. ESTATE, MAKARPURA, VADODARA - 390 010 (INDIA) Phone : 2655083/2651023 FAX : (91) 0265-2638751 E-mail : sales@adiartech.com artechad1@sancharnet.in Website : www.adiartech.com
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QUALITY * PERFORMANCE * SERVICE
“A PREFERRED NAME IN LOAD CELL TECHNOLOGY”