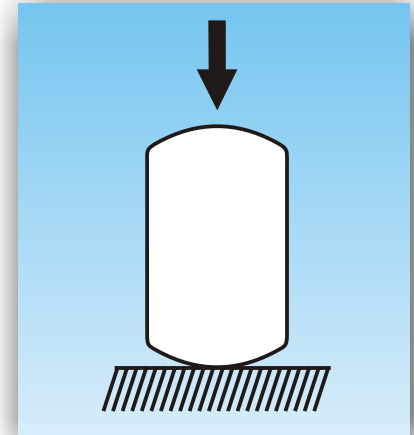


model

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

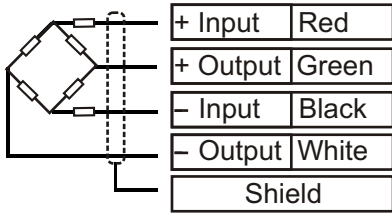


ADI ARTECH
TRANSDUCERS PVT. LTD.

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



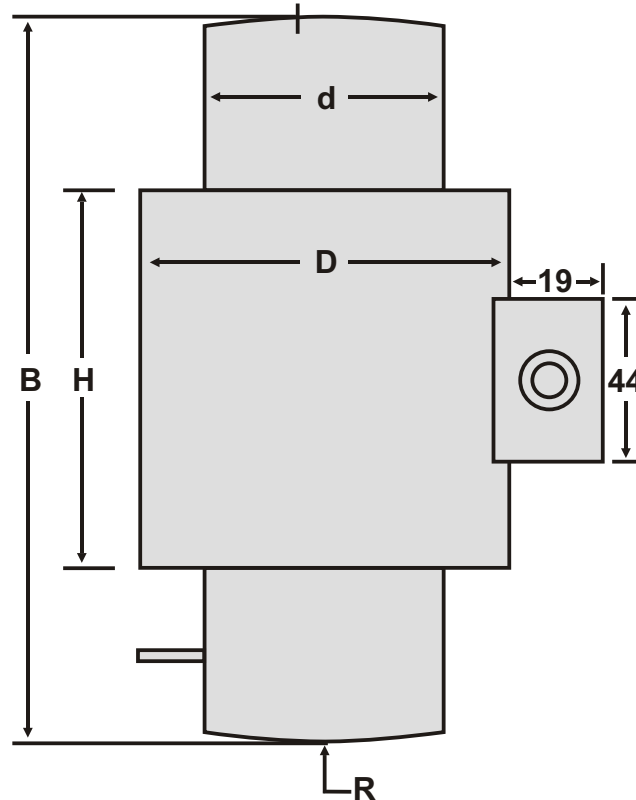
ELECTRICAL TERMINATION



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.



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