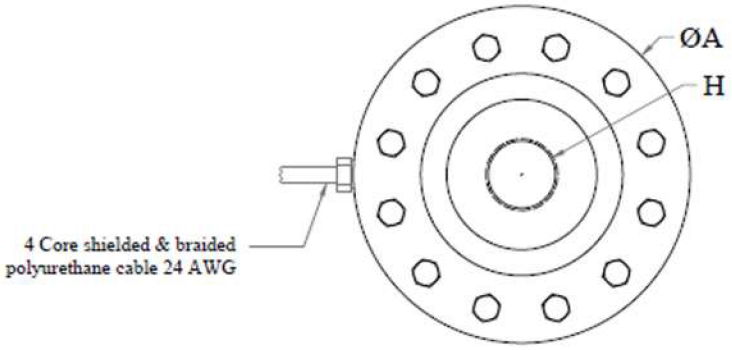
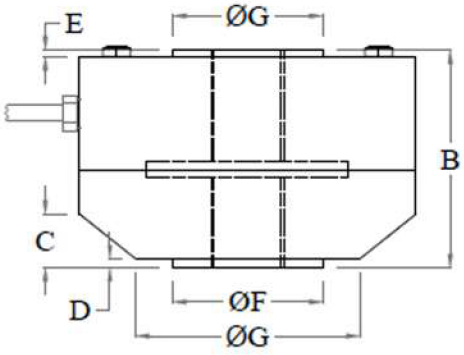
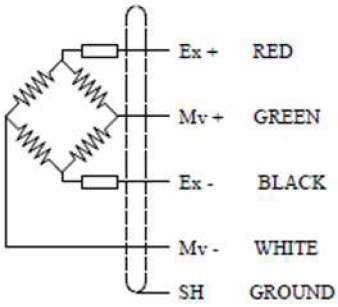
MODEL : UNV

Dimension







Cap. Tf.	A	B	D	E	F	G	H	I
0.2 - 5	105	78	23	8	3	34	55	M16x1.5
10 - 30	150	97	23	8	5	67	100	M32x1.5
50	200	113	35	10	6	90	130	M42x2.0
100 - 300	270	143	35	10	12	120	200	M72x3.0

All Dimensions are in mm.

SENSOMATIC
We Sense Your Life....
(An ISO 9001 - 2015 Company)

Brand Powered by
Sensotech
Redefining Transducer Technology...

MAKE IN INDIA

MODEL : UNV

Performance Data

Capacity Range (in Kg)	200/ 300/ 500
Capacity Range (in tf)	5/10/15/20/25/30/40/100/200/300
Nominal Sensitivity (mv/V)	2±0.25%
Zero Signal Tolerance	0 ± 2%
Input Resistance	700±5Ω
Output Resistance	70t0±5Ω
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	25 VDC
Linearity Deviation (as % of Full Scale)	< ± 0.020
Repeatability (as % of Full Scale)	< ± 0.020
Hysteresis (as % of Full Scale)	< ± 0.020
Creep (as % of Full Scale) in 30 min	< ± 0.020
Effect of Temperature on Zero (% / ˚C)	± 0.002
Effect of Temperature on Span (% / ˚C of Load)	± 0.001
Compensated Temperature Range	-10 to + 40˚C
Operating Temperature Range	-20 to +70˚C
Combined Error (as % Full Scale)	< ± 0.03%
Isolation Resistance (@ 50 VDC)	> 1000 M Ω
Max. Limit Force (as % of Full Scale)	150
Breaking Force (as % of Full Scale)	300
Lateral Load Limit (as % of Full Scale)	
Protection Class	IP 68
Material of Construction	High Nickel Alloy Steel

Features

- Ultra High Precision
- Low Deflection & Creep
- Allow High Permissible Dynamic Load
- Build-in Mechanical Overload Protection
- High Fatigue Rated & Impact Resistant

Application

- UTM/SPM/Testing machine/crane scale (for use in both Tension & Compression Mode)
- Process Automation / Tower Testing / Automobile testing Machines / Engine test bed / Aerospace

Sensotech
2/675, " THE PALMS", 1st Cross Street, Ranga Reddy Garden, Neelankarai, Chennai-600115
(+91) - 9176070667 / 9790922667 / 9952020667 / 9566022667
Mail : sales@sensotechindia@gmail.com / sensotechindia@gmail.com
Website : https://sensomatic.co / https://sensomaticloadcell.net