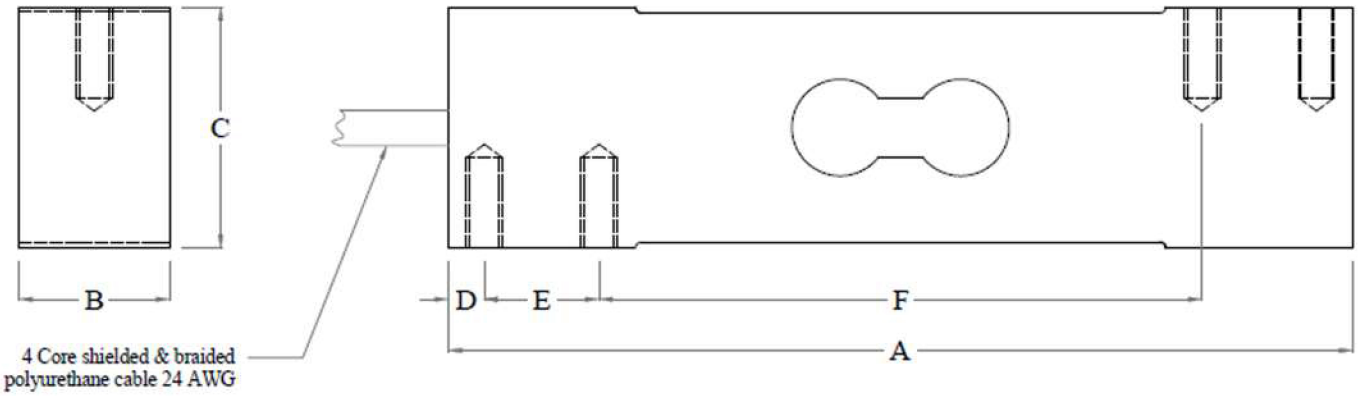
SENSOMATIC
We Sense Your Life....
(An ISO 9001 - 2015 Company)

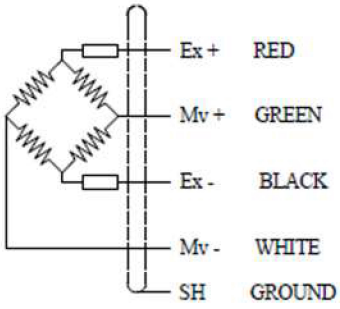
Brand Powered by
Sensotech
Redefining Transducer Technology...

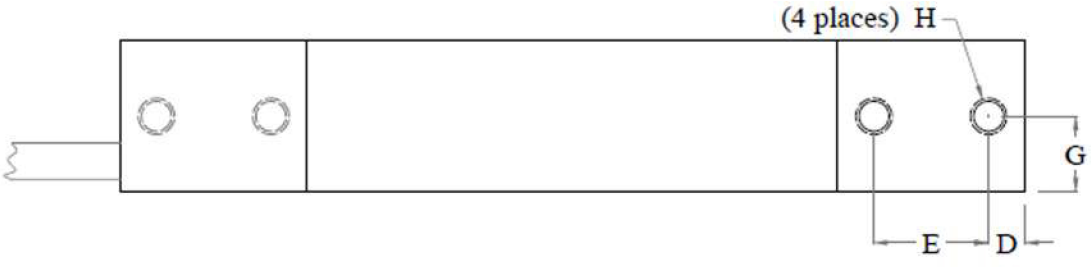
MAKE IN INDIA

# MODEL : ASL

# Dimension




| Cap. Kg. | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 50/100 | 150 | 25 | 40 | 6 | 19 | 100 | 12.5 | M6x1.0, 15 Depth |

All Dimensions are in mm.

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## Performance Data

| | |
|---|---|
| Capacity Range (in Kg) | 50/100 |
| Nominal Sensitivity (mv/V) | 2±0.1% |
| Zero Signal Tolerance | ± 2 |
| Input Resistance | 400±10 Ω |
| Output Resistance | 350 ± 2 Ω |
| Recommended Excitation Voltage | 10 VDC |
| Maximum Excitation Voltage | 15 VDC |
| Linearity Deviation (as % of Full Scale) | < ± 0.017 |
| Repeatability (as % of Full Scale) | < ± 0.017 |
| Hysteresis (as % of Full Scale) | < ± 0.017 |
| Creep (as % of Full Scale) in 30 min | < ± 0.017 |
| Effect of Temperature on Zero ( % / ˚C) | ± 0.003 |
| Effect of Temperature on Span (% / ˚C of Load) | ± 0.003 |
| Compensated Temperature Range | -10 to + 40˚C |
| Operating Temperature Range | -20 to +70˚C |
| Combined Error (as % Full Scale) | < ± 0.023 max |
| 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 65 |
| Material of Construction | Aluminum Alloy |

## Features

- Low Creep
- Excellent Overload Capability

## Application

- Table Top Scale
- Baby Weighing Scale
- Bench Scale

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