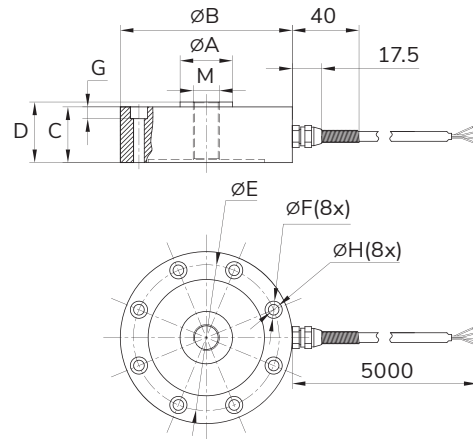




### DIMENSIONS



### FEATURES & APPLICATIONS

- Available In Both Tension And Compression
- Low Profile Design
- Highly Resistant To Off-Axis Loading
- Mainly Used For Scales And Other Measuring Devices

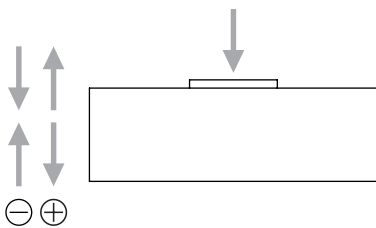
### CAPACITIES

| CAP (t)     | SIZE (mm) | ØA | ØB  | C  | D  | E     | F    | G   | H    | M       | Weight |
|-------------|-----------|----|-----|----|----|-------|------|-----|------|---------|--------|
| 0.5/1/2/5/7 |           | 32 | 105 | 34 | 37 | 89    | 10.5 | 7.2 | 6.5  | M16x1.5 | 1.8Kg  |
| 10/20/25    |           | 39 | 125 | 46 | 56 | 101.8 | 18   | 11  | 10.5 | M30x1.5 | 4.5Kg  |
| 30/40/50    |           | 60 | 145 | 54 | 65 | 116.8 | 20   | 14  | 12.5 | M40x1.5 | 7.0Kg  |

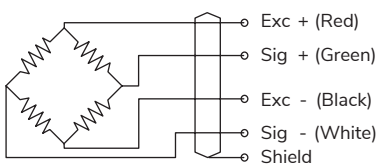
### SPECIFICATIONS

| PERFORMANCE             |                                                             |
|-------------------------|-------------------------------------------------------------|
| Non-Linearity           | ±0.05% of RO                                                |
| Hysteresis              | ±0.05% of RO                                                |
| Repeatability           | ±0.03% of RO                                                |
| Creep (30min)           | ±0.05% of RO                                                |
| Zero Balance            | ±1% of RO                                                   |
| ELECTRICAL              |                                                             |
| Rated Output            | 2.0 ± 1% mV/V                                               |
| Recommended Excitation  | 10 VDC                                                      |
| Maximum Excitation      | 15 VDC                                                      |
| Input Impedance         | 750 ± 10 Ω                                                  |
| Output Impedance        | 700 ± 5 Ω                                                   |
| Insulation              | ≥5000 MΩ / 100 VDC                                          |
| Cable Color Code        | Input: Red (E+) Black (E-)<br>Output: Green (S+) White (S-) |
| MECHANICAL              |                                                             |
| Weight                  | See Table Above                                             |
| Safe Overload           | 150% of RO                                                  |
| Ultimate Overload       | 200% of RO                                                  |
| Material                | Alloy steel                                                 |
| Cable Size              | Ø5 x 5000 mm                                                |
| IP Rating               | IP66                                                        |
| TEMPERATURE             |                                                             |
| Operating Temperature   | -20 ~ 80°C                                                  |
| Compensated Temp. Range | -10 ~ 60°C                                                  |
| Temp. Effect On Output  | ±0.03% of RO / 10°C                                         |
| Temp. Effect On Zero    | ±0.03% of RO / 10°C                                         |
| CONFORMITY              |                                                             |
| RoHS                    | 2011/65/EU                                                  |
| CE                      | 2014/35/EU                                                  |

### LOAD DIRECTION



### SCHEMATIC WIRING DIAGRAM



**Note:** Cable shield is not connected to element.