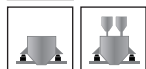


# Column Type



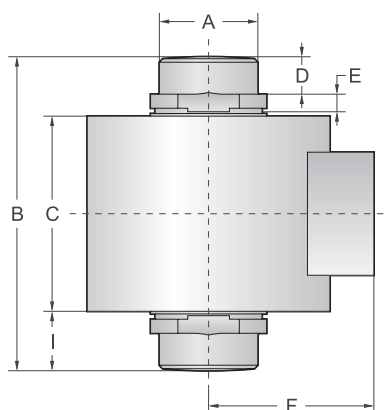
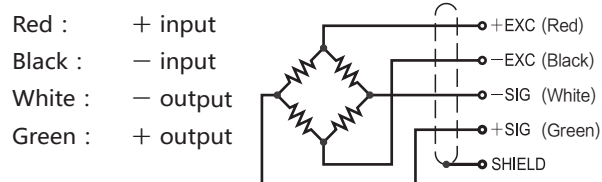
## Capacities

10t, 20t, 30t, 40t

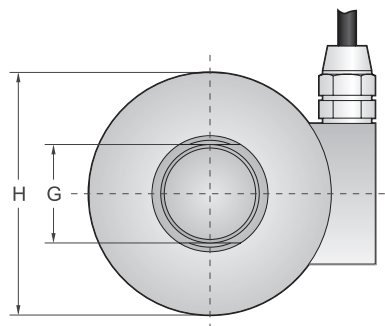
## Features

- Multi-column load cell
- Digital load cell (option)
- RS-485 signal output (option)
- Total stainless steel construction
- Hermetically sealed
- Easy to install
- High accuracy
- High stability
- Suitable for testing machine, truck scales and big bin & hopper scales, etc.

## Schematic



PROFILE



TOP

| Capacities   |    | A   | B    | C    | D     | E    | F  | G  | H   | I    |
|--------------|----|-----|------|------|-------|------|----|----|-----|------|
| 5t, 10t, 20t | mm | Ø28 | 89.3 | 55.5 | 10.65 | 5    | 47 | 28 | Ø69 | 16.9 |
| 30t          | mm | Ø39 | 140  | 97   | 13    | 6.5  | 51 | 39 | Ø78 | 21.5 |
| 40t          | mm | Ø39 | 150  | 97   | 13    | 11.7 | 51 | 39 | Ø78 | 26.5 |

## Specifications

|                        |                                    |                       |                                           |
|------------------------|------------------------------------|-----------------------|-------------------------------------------|
| Rated Output           | 2.0mV/V $\pm$ 10%                  | Safe Temp. Range      | -10°C to + 70°C                           |
| Zero Balance           | $\pm$ 1.0% of rated output         | Temp. Compensated     | -10°C to + 40°C                           |
| Creep after 30 minutes | $\pm$ 0.03% of rated output        | Safe Overload         | 150%                                      |
| Nonlinearity           | $\pm$ 0.03% of rated output        | Input Impedance       | 410 ohm $\pm$ 20 ohm                      |
| Hysteresis             | $\pm$ 0.03% of rated output        | Output Impedance      | 350 ohm $\pm$ 5 ohm                       |
| Repeatability          | $\pm$ 0.03% of rated output        | Insulation Resistance | $\geq$ 5000 M ohm (50V DC)                |
| Temp. effect on output | $\leq$ 0.002% of applied output/°C | Rated Excitation      | 10V DC/AC                                 |
| Temp. effect on zero   | $\leq$ 0.002% of rated output/°C   | Maximum Excitation    | 15V DC/AC                                 |
| Wire Length            | 6m                                 | Wire Material         | Red(+ E) Black(- E) White(- S) Green(+ S) |