

## General information

PWS36720260613

Double shear load cell. Accuracy class  $\pm 0.05\%$ . Service temperature up to 150 °C. Measuring element from Alloy Steel with nickel plated treatment. Input cable connection through hermetic connector. Protected IP 67 (EN 60529). Applications: Ladle turret and ladle ferry scales, scrap bucket, roller table, tundish cars, hopper and silos in high temperature environments for the Metal Industry. Ideal to use with MC-315 or DAT S 400 or DAT 1400 without forgetting CGS 4 and the Tester 1008.



## Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

**Weight Transmitter** [UWT 6008](#)

**Weight Transmitter** [DAT 1400](#)

**Weight Indicator** [MCT 1302](#)

**Tester 1008** [TESTER 1008](#)

**Junction Box** [CGS4-C](#)

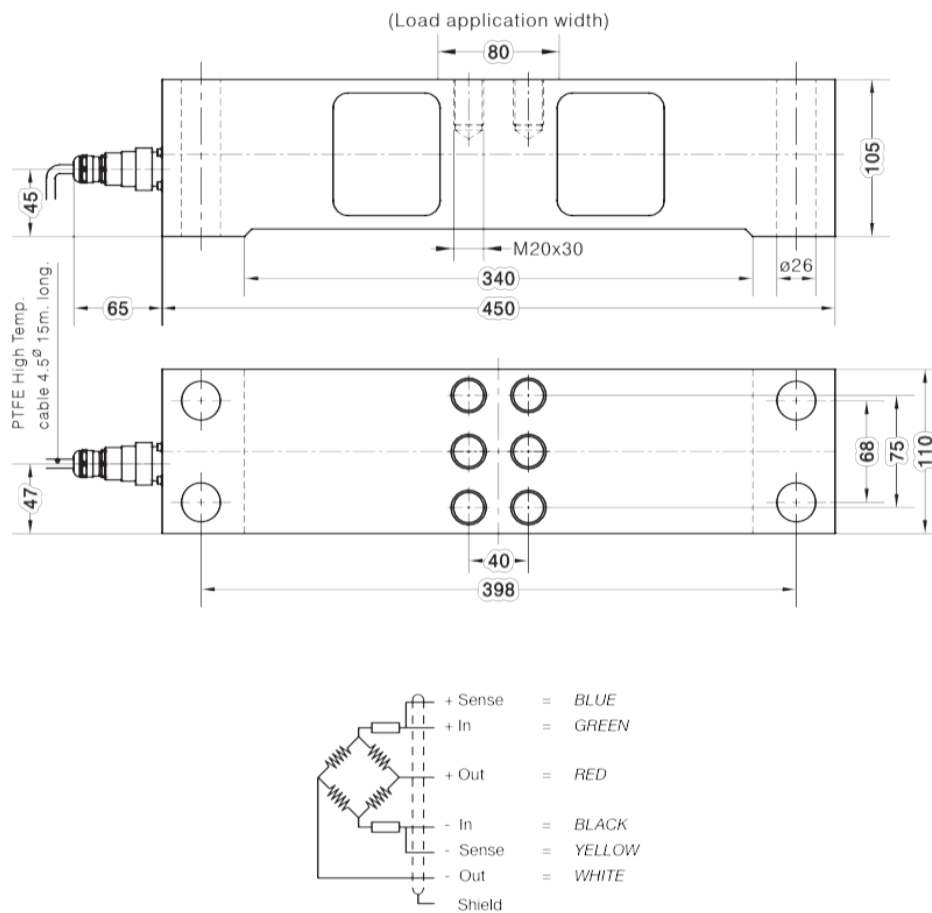
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

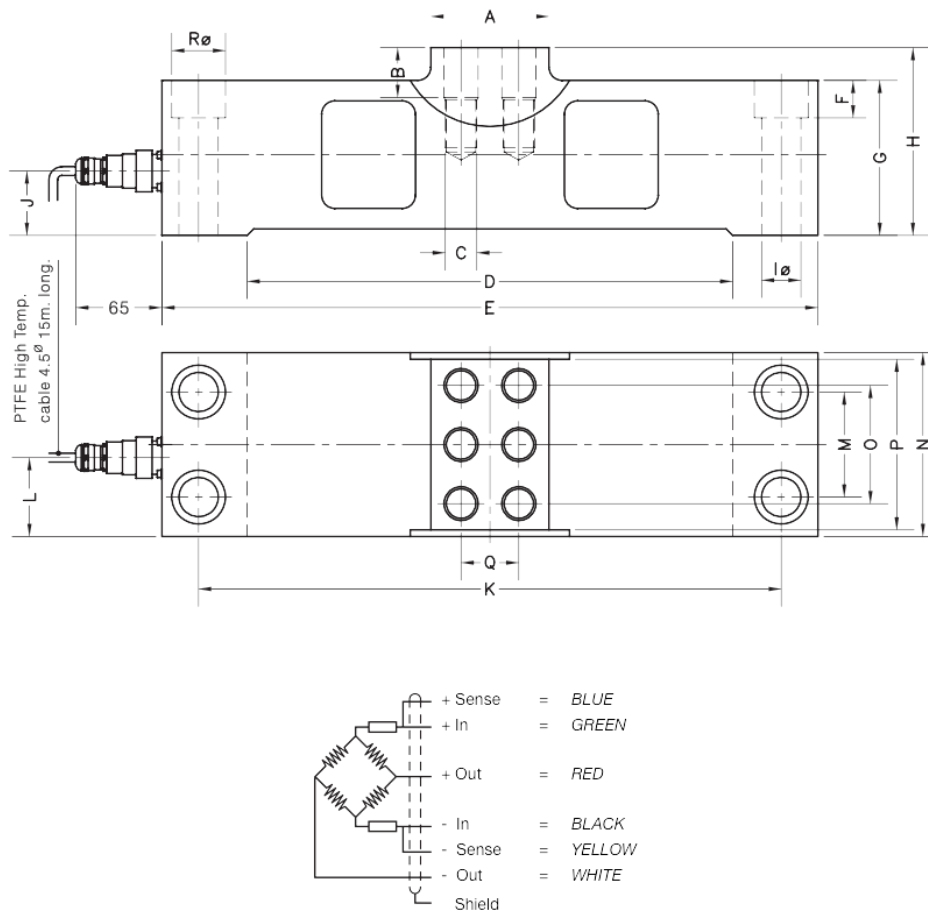
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|  |                         |
|--|-------------------------|
| <b>Rated Load (RL):</b>                    | 40, 50, 100, 150, 200 t |
| <b>Combined error:</b>                     | < ± 0.05 % RO           |
| <b>Repeatability:</b>                      | < ± 0.04 % RO           |
| <b>Creep (30 minutes):</b>                 | < ± 0.05 % RO           |
| <b>Safe overload:</b>                      | 150 % RL                |
| <b>Ultimate overload:</b>                  | >= 180 % RL             |
| <b>Degree of protection:</b>               | IP 67                   |
| <b>Accuracy class:</b>                     | ± 0.05 %                |
| <b>Deflection:</b>                         | 0.6 ÷ 1 mm              |
| <b>Compensated Temperature:</b>            | -10 ÷ +100 °C           |
| <b>Temperature range:</b>                  | -30 ÷ +150 °C           |
| <b>Temperature effect on zero balance:</b> | < ± 0.025 % RO / 5 °C   |
| <b>Temperature effect on output:</b>       | < ± 0.015 % RO / 5 °C   |
| <b>Rated output RO:</b>                    | 2 ± 0.25 % mV/V         |
| <b>Zero balance:</b>                       | < ± 2 % RO              |
| <b>Insulation resistance:</b>              | > 5.000 M Ohm           |
| <b>Input resistance:</b>                   | 800 ± 30 Ohm            |
| <b>Output resistance:</b>                  | 700 ± 5 Ohm             |
| <b>Recommended input:</b>                  | 5 ÷ 15 Vdc/Vac          |

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**40 t Model**


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**50 ÷ 200 t Model**


| CAPACITY | A  | B  | C      | D   | E   | F    | G   | H   | Iø | J    | K   | L    | M   | N   | O   | P   | Q  | Rø | WEIGHT |
|----------|----|----|--------|-----|-----|------|-----|-----|----|------|-----|------|-----|-----|-----|-----|----|----|--------|
| 50 t     | 80 | 32 | M20x30 | 340 | 450 | 25.5 | 105 | 130 | 26 | 45   | 398 | 52   | 68  | 120 | 75  | 110 | 40 | 38 | 36 kg  |
| 100 t    | 90 | 38 | M24x36 | 370 | 500 | 28.5 | 118 | 143 | 30 | 49   | 444 | 58   | 80  | 140 | 90  | 130 | 44 | 41 | 54 kg  |
| 150 t    | 90 | 38 | M24x36 | 410 | 560 | 32   | 133 | 158 | 33 | 66   | 500 | 67.5 | 94  | 160 | 102 | 150 | 44 | 46 | 81 kg  |
| 200 t    | 90 | 38 | M24x40 | 450 | 620 | 32   | 150 | 175 | 33 | 70.5 | 560 | 64   | 114 | 180 | 110 | 170 | 44 | 46 | 116 kg |

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