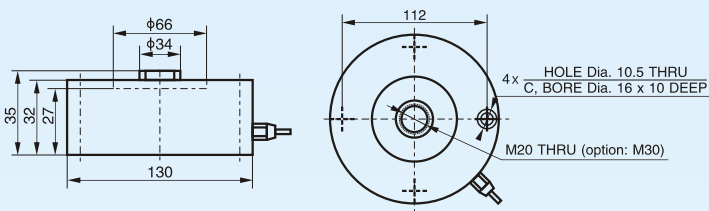


# Model 1312/1392 Shear-web Load Cells

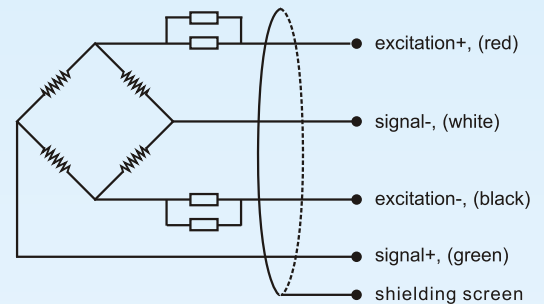


**Type:** shear-web load cell  
**material:** alloy steel (1312); stainless steel (1392)  
**surface:** nickel plated treatment (1312 only)  
**protection:** IP 66, Ip67  
**application:** hopper scales and vehicle scales

## Dimensions:



## Electrical connection:



## Specifications:

|                                 |                       |                     |
|---------------------------------|-----------------------|---------------------|
| capacity                        | t                     | 2, 3, 5, 10         |
| rated output                    | mV/V                  | 2.0 ± 0.01          |
| accuracy                        | %FSO                  | ± 0.03              |
| zero unbalance                  | %FSO                  | ± 1.0               |
| non-linearity                   | %FSO                  | ± 0.03              |
| hysteresis                      | %FSO                  | ± 0.02              |
| repeatability                   | %FSO                  | ± 0.03              |
| creep                           | %FSO/30min            | ± 0.02              |
| temperature coefficient of SPAN | %FSO/10°C             | 0.02                |
| temperature coefficient of ZERO | %FSO/10°C             | 0.05                |
| input resistance                | Ω                     | 800 ± 30            |
| output resistance               | Ω                     | 700 ± 10            |
| insulation resistance           | MΩ                    | ≥ 5000@50 VDC       |
| excitation recommended          | V                     | 12 DC/AC            |
| maximum excitation              | V                     | 18 DC/AC            |
| compensated temperature range   | °C                    | -10 ~ +45           |
| operating temperature range     | °C                    | -20 ~ +65           |
| safe overload                   | %FS                   | 150                 |
| ultimate overload               | %FS                   | 200                 |
| cable length                    | m, shielded PVC cable | 13 (Φ5.7 mm 4-wire) |

The listed specifications are subject to change without prior notice.

**How to order:** model - capacity - output - accuracy - IP rating - cable length - customer specific requests  
**ordering code** example: 1312 - 5t - 2mV/V - 0.03%fso - IP 66 - 13m - no specific requests

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