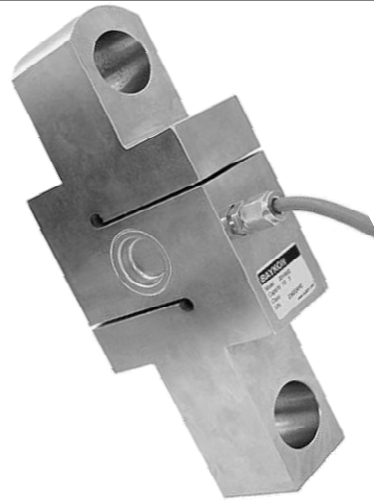


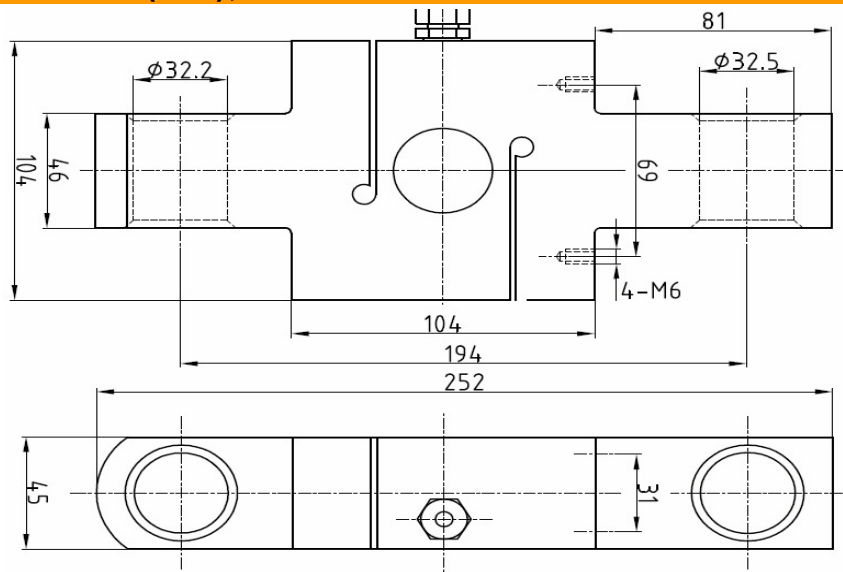
Type BY460 is a steel construction, tension type loadcell. It is suitable for hook scales, crane scales, and other high capacity tension weighing applications.



## Key features;

- Capacity 10 tons
- Steel construction
- Protection IP68
- High accuracy

## Dimensions (mm);



### Color codes;

|         |        |
|---------|--------|
| +input  | blue   |
| +output | white  |
| -input  | black  |
| -output | red    |
| shield  | yellow |

## Technical specifications;

|                                   |            |                            |
|-----------------------------------|------------|----------------------------|
| Capacity                          | ton        | 10                         |
| Output sensitivity                | mV / V     | 2.0 ± 0.2                  |
| Temperature effect on zero        | %FS / 10°C | ≤ 0.03                     |
| Temperature effect on sensitivity | %FS / 10°C | ≤ 0.02                     |
| Combined error                    | %FS        | ≤ 0.05                     |
| Creep                             | %FS        | ≤ 0.02                     |
| Input resistance                  | Ω          | 380 ± 20                   |
| Output resistance                 | Ω          | 352 ± 3                    |
| Insulation resistance             | MΩ         | ≥ 5000                     |
| Zero balance                      | %FS        | ≤ 1                        |
| Temperature, operating            | °C         | -30...+70                  |
| Excitation, Recommended           | V          | 5 - 12 (DC)                |
| Excitation, Maximum               | V          | 15 (DC)                    |
| Safe overload                     | %FS        | 120                        |
| Ultimate overload                 | %FS        | 180                        |
| Construction                      |            | Steel                      |
| Environmental protection          |            | IP68                       |
| Cable                             |            | Length 2 m , diameter 6 mm |

(Properties are subject to change without notification. 01 / 2009 )