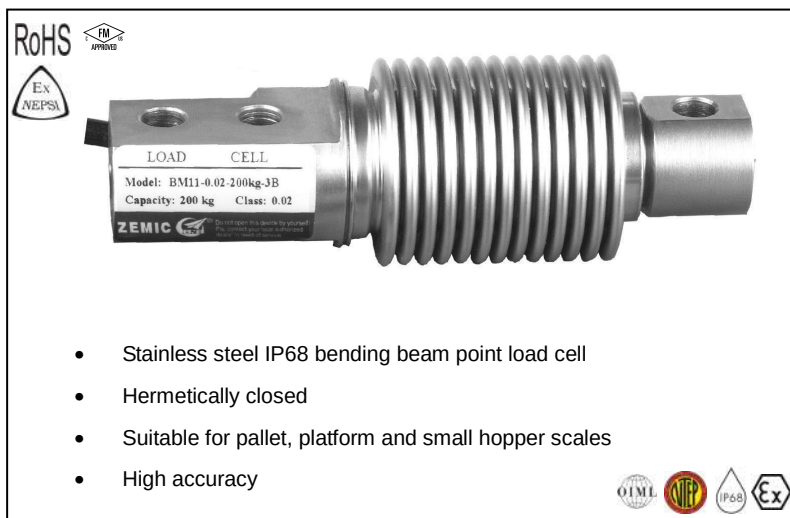


| Capacity | Accuracy | Part-Number                     |
|----------|----------|---------------------------------|
| 10 kg    | C3       | BM11-C3-10kg-3B-SC <sup>1</sup> |
| 20 kg    | C3       | BM11-C3-20kg-3B-SC              |
| 30 kg    | C3       | BM11-C3-30kg-3B-SC              |
| 50 kg    | C3       | BM11-C3-50kg-3B-SC              |
| 100 kg   | C3       | BM11-C3-100kg-3B-SC             |
| 200 kg   | C3       | BM11-C3-200kg-3B-SC             |
| 350 kg   | C3       | BM11-C3-350kg-3B-SC             |
| 500 kg   | C3       | BM11-C3-500kg-3B-SC             |

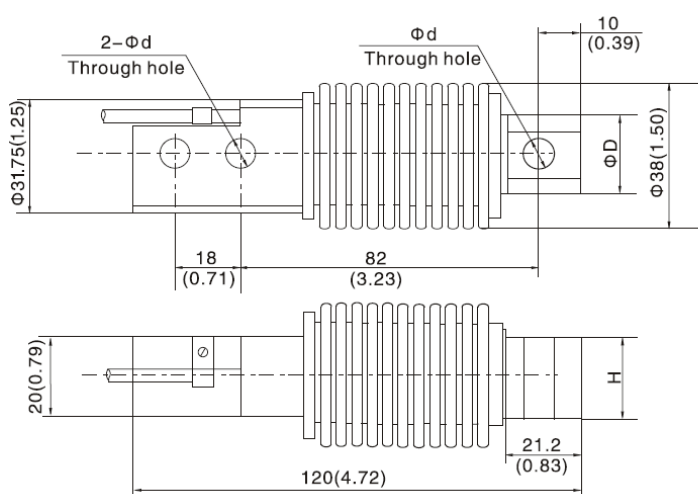


## Specification:

| Accuracy class                                                                    |                     | OIML R60 C3                       |                                     |
|-----------------------------------------------------------------------------------|---------------------|-----------------------------------|-------------------------------------|
| Output sensitivity (= FS)                                                         | mV/V                | 2.0 ± 0.2                         |                                     |
| Maximum capacity (E <sub>max</sub> )                                              | kg                  | 10 <sup>1</sup> , 20, 30, 50, 100 | 200, 350, 500                       |
| Maximum number of load cell intervals (n <sub>LC</sub> )                          |                     | 3000                              |                                     |
| Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub> |                     | 10000 - 15000                     | 6000                                |
| Combined Error                                                                    | %FS                 | ± 0.020                           |                                     |
| Minimum dead load                                                                 | kg                  | 0                                 |                                     |
| Safe overload                                                                     | of E <sub>max</sub> | 150 %                             |                                     |
| Ultimate overload                                                                 | of E <sub>max</sub> | 300 %                             |                                     |
| Zero balance                                                                      | of FS               | < ± 1.0 %                         |                                     |
| Excitation, recommended voltage                                                   | V                   | 5 ~ 12                            |                                     |
| Excitation maximum                                                                | V                   | 18                                |                                     |
| Terminal resistance, input                                                        | Ω                   | 430 ± 50                          |                                     |
| Terminal resistance, output                                                       | Ω                   | 351 ± 2                           |                                     |
| Insulation impedance                                                              | MΩ                  | ≥ 5000 ( at 50VDC )               |                                     |
| Temperature range, compensated                                                    | °C                  | -10 ~ +40                         |                                     |
| Temperature range, operating                                                      | °C                  | -35 ~ +65                         |                                     |
| Element material                                                                  |                     | Stainless steel                   |                                     |
| Ingress Protection (according to EN 60529)                                        |                     | IP68                              |                                     |
| Recommended torque on fixation bolts                                              | Nm                  | M8(20-50kg):15                    | M8(<300kg):25 M10:40                |
| ATEX classification (optional)                                                    |                     | II1G Ex ia II1C T4                | II1D Ex iaD 20 T73°C II3G nL IIC T4 |

Note 1: 10kg pending OIML approved

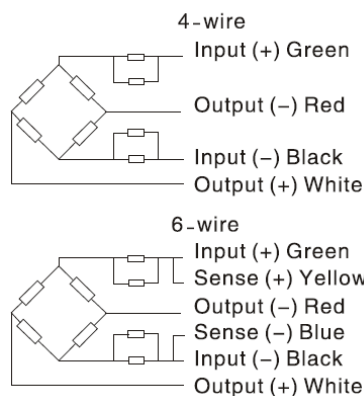
## Outline Dimensions in mm (inch)



### Wiring:

Both 4 and 6 conductor wires are available on customers' requirements.  
Cable diameter: φ5 mm  
Standard length for 4 conductor cable: 3m  
Standard length for 6 conductor cable: 6m  
Shield not connected to element

| Capacity (kg) | 5,10,20,30,50 | 350,500     |
|---------------|---------------|-------------|
| Dimension     | 100,200,300   |             |
| d             | 8.2 (0.32)    | 10.3 (0.41) |
| D             | 23 (0.91)     | 24 (0.94)   |
| H             | 20 (0.79)     | 19 (0.75)   |



Nr. 2010.04 BM11 Rev5