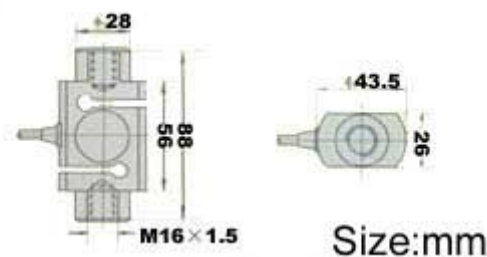


## ■ EX302A



Tension, alloy steel load cell.  
Mainly used for hopper scale,  
hanging scales and industrial  
weighing system.

| Specifications                                                                     | Unit          | Technical Index |
|------------------------------------------------------------------------------------|---------------|-----------------|
| Capacity : 100, 200, 300, 500, 700, 1000 kg                                        |               |                 |
| Rated Output                                                                       | mV / V        | 2.0 ± 10%       |
| Zero Balance                                                                       | % F.S.        | ± 1             |
| Non - Linearity                                                                    | % F.S.        | 0.03            |
| Hysteresis                                                                         | % F.S.        | 0.03            |
| Repeatability                                                                      | % F.S.        | 0.03            |
| Creep ( 30min )                                                                    | % F.S.        | 0.03            |
| Temperature Effect on Output                                                       | % F.S. / 10°C | 0.03            |
| Temperature Effect on Zero                                                         | % F.S. / 10°C | 0.03            |
| Input Impedance                                                                    | Ω             | 385 ± 10        |
| Output Impedance                                                                   | Ω             | 350 ± 4         |
| Insulation                                                                         | MΩ            | > 2000 / 50 VDC |
| Recommended Excitation                                                             | V             | 10              |
| Maximum Excitation                                                                 | V             | 15              |
| Compensated Temperature Range                                                      | °C            | - 10 ~ 40       |
| Operation Temperature Range                                                        | °C            | - 20 ~ 60       |
| Safe Overload                                                                      | % F.S.        | 150             |
| Ultimate Overload                                                                  | % F.S.        | 300             |
| Cable Size                                                                         | mm            | Ø 5 × 6000      |
| Red : + Excitation    Black : + Excitation    Green : + Signal    White : + Signal |               |                 |



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