

# LOADCELL 30T



| Parameters                                                |                                                            |
|-----------------------------------------------------------|------------------------------------------------------------|
| Precision : C2 & C3                                       | Temp. effect on span(%F.S/10°C): $\pm 0.017$ & $\pm 0.011$ |
| Comprehensive error(%F.S) : $\pm 0.03$ & $\pm 0.02$       | Temp. effect on zero(%F.S/10°C): $\pm 0.029$ & $\pm 0.019$ |
| Rated output(mv/v) : $2.0 \pm 0.002$                      | Compensated temp. range(°C ) : -10~+40                     |
| Creep(%F.S/30min) : $\pm 0.02$ & $\pm 0.02$               | Use temp. range(°C ) : -30~+70                             |
| Zero balance(%F.S) : $\pm 1.5$                            | Excitation voltage(V) : 9~12(DC)                           |
| Input resistance( $\Omega$ ) : $700 \pm 10$               | Safe overload (%F.S) : 150                                 |
| Output resistance( $\Omega$ ) : $700 \pm 5$               | Ultimate overload (%F.S) : 200                             |
| Insulation resistance(M $\Omega$ ) : $\geq 5000$ (100VDC) | Defend grade : IP68                                        |

Installation size (mm):

Wiring schematic diagram:

Red: Input ( + )    White: Output ( - )

Black: Input ( - )    Green: Output ( + )

Notes: It used 6-core shielded cable( $\phi 5 \times 12000$ m)