



ULL-e Compression Load Cell

Features

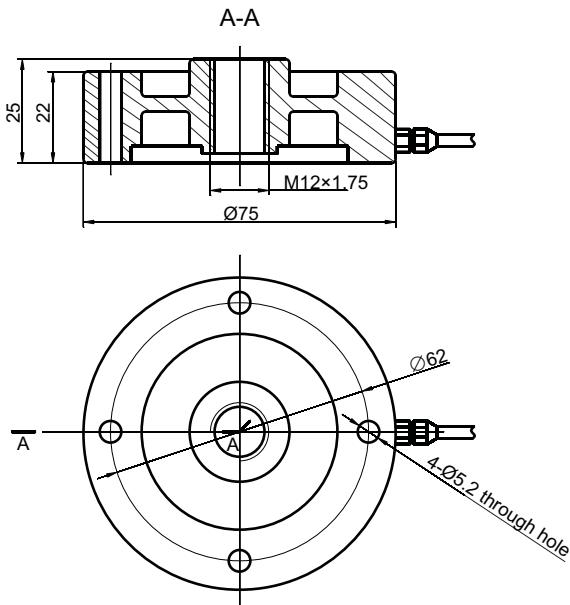
- Capacity: 30~1000kg
- Aluminium alloy
- Compression load cell, easy installation
- Low cost ,high precision



Specifications

capacity	30kg/50kg/100kg/500kg/1000kg
output	$1.5 \pm 0.3 \text{mV/V}$
combined error	0.03%FS
non-linearity	$\pm 0.03\%$ FS
hysteresis	$\pm 0.03\%$ FS
repeatability	$\pm 0.03\%$ FS
creep	$\pm 0.03\%$ FS/30min
zero unbalance	$\pm 1\%$ FS
excitation voltage	5VDC~15VDC
operating temperature range	-35~+80°C
comperature temperature range	-10~+40°C
temperature coefficient of zero	0.05%FS/10°C
temperature coefficient of span	0.1%FS/10°C
input resistance	$770 \pm 10\Omega$
output resistance	$700 \pm 3\Omega$
insulation resistance	$\geq 5000\text{M}\Omega @ 50\text{VDC}$
safe overload	120%FS
ultimate overload	150%FS
protection	IP66
electrical interface	4-core shielded cable, diameter:4.2mm, length:3.5m

Dimensions



Electrical connection

