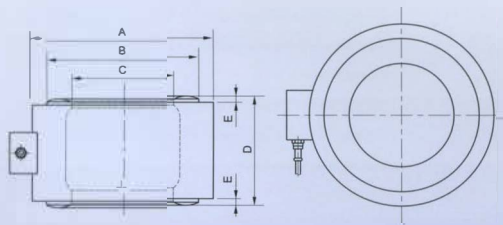


Datasheet AR load cells

Datasheet_AR_V4



Hollow structure, alloy steel material
Low profile, strong shock resistance
Good machining technics, strict production flow controlled.
Used to control rolling force in metallurgy industry process control devices and other measuring equipments, as well as used in architecture industry.



Specifications

Rated Output(mV/V)	1.00 ± 0.10
Nonlinearity	± 0.1%FS
Hysteresis	± 0.1%FS
Repeatability	± 0.05%FS
Creep(30minutes)	± 0.1%FS
Zero Balance	± 2.00%FS
Temperature Effect on Zero	± 0.1%FS/10°C
Temperature Effect on Output	± 0.05%FS/10°C
Input Resistance(Ω)	385 ± 10
Output Resistance(Ω)	350 ± 3
Insulation Resistance	≥ 5000M Ω
Excitation Voltage	10V(DC/AC)
Compensated Temperature Range	* -10°C ~ +50°C
Operating Temperature Range	-20°C ~ +60°C
Safe Overload	150%FS
Cable	Φ 5.4 (Φ 6) × 6m
Cable Color Code	Input, Red(+) Black(-), Output, Green(+) White(-)

Main Dimensions and Accessories

Size mm	量程 Capacity										
	500kg	1t	2t	3t	5t	10t	20t	50t	100t	200t	300t
A	40.0	62.0	62.0	62.0	60.0	60.0	90.0	115.0	136.0	190.0	206.0
B	35.0	55.0	55.0	55.0	36.0	36.0	68.0	104.0	120.0	165.0	185.0
C	10.0	18.0	18.0	18.0	18.0	18.0	43.0	80.0	85.0	120.0	120.0
D	52.0	72.0	72.0	72.0	72.0	82.0	82.0	110.0	114.0	126.0	126.0
E	3.0	4.0	4.0	4.0	4.0	4.0	5.0	7.0	7.0	7.0	7.0