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# HB2019

## Load Cell

### Sensor



1 Vcc +  
2 Sig +  
3 Gnd -  
4 Sig -



### *Technical Data*

Roted Load	50-500	Newton
Sensitivity	3.3	±0.1 %mV/V
Non-Linearity	0.02	%FS
Hysteresis	0.02	%FS
Repeatability	0.02	%FS
Creep (30min)	0.02	%FS/30min
Thermal Zero shift	0.02	%FS
Thermal sensitivity shift	0.02	%FS
Zero Balance	0	±1 mV
Input Resistance	11	±2KΩ
Output Resistance	9.5	±2KΩ
Insulation Resistance	>100	MΩ
Excitation Voltage	5-10	V/DC
Compensated Temp. Range	-10—+40	°C
Operating temp. Range	-20—+55	°C
Safe Overload	150	%
Ultimate Overload	200	%
Reference Temperature	25	°C

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