

MNC | Disk Load Cell



Description

MNC is a stainless steel Miniature Disk type load cell. A compacted type load cell with enclosed structure can be used in a small amount of space and is suitable for various test equipment and metering systems, including semiconductor processes

Specifications

Capacity(R.L.)	kgf	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K	
Rated Output	mV / V	2.0 ± 0.005	
Zero Balance	mV / V	0.0 ± 0.06	
Accuracy Class	-	-	
Non-Linearity	% R.O.	≤ 0.15	
Hysteresis	% R.O.	≤ 0.15	
Combined Error	% R.O.	≤ 0.15	
Repeatability	% R.O.	≤ 0.05	
Creep for 30min.	% R.O.	≤ 0.03	
Return for 30min.	% R.O.	≤ 0.03	
Resolution	-	≤ 1/600	
Division	mV / V	0.003	
Temperature Effect on	-Zero Value -Output Value	%/10°C %/10°C	≤ 0.05 ≤ 0.05
Excitation	-Recommended -Maximum	V V	10 15
Resistance	-Input -Output -Insulation	Ω Ω MΩ	420 ± 30 350 ± 3.5 > 2000
Compensated Temperature Range	°C		-10 to +40
Operating Temperature Range	°C		-30 to +80
Material & Plate	-		Stainless steel (50kgf ~ 2tf) Steel (5 ~ 20tf)
Cable Specification	-		Ø5.4 X 4P X 3m (5m) (Urethane)
Safety Overload	% R.L.		150

Features

- ▶ Compression Type
- ▶ Stainless steel material (50kgf~20tf)
Steel material (5~20tf)
- ▶ Hermetically sealed structure
- ▶ Load button type accessory integral structure
- ▶ Designed according to IP67

Application

- ▶ Semiconductor process
- ▶ Testing and metering system
- ▶ Compression Tester