

NMNC | Disk Load Cell



Description

NMNC is a Stainless steel Miniature Disk type load cell. A compacted type load cell 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, 3K
Rated Output		mV / V	1.0 ± 0.1/2.0 ± 0.2 (for 1~3tf)
Zero Balance		mV / V	0.0 ± 0.1
Accuracy Class		-	-
Non-Linearity		% R.O.	≤ 0.5
Hysteresis		% R.O.	≤ 0.5
Combined Error		% R.O.	≤ 0.5
Repeatability		% R.O.	≤ 0.1
Creep for 30min.		% R.O.	≤ 0.5
Return for 30min.		% R.O.	≤ 0.5
Resolution		-	≤ 1/200
Division		mV / V	0.005
Temperature Effect on	-Zero Value	%/10°C	≤ 0.05
	-Output Value	%/10°C	≤ 0.1
Excitation	-Recommended	V	10
	-Maximum	V	15
Resistance	-Input	Ω	400 ± 20
	-Output	Ω	350 ± 3.5
	-Insulation	MΩ	> 2000
Compensated Temperature Range		°C	-10 to +40
Operating Temperature Range		°C	-30 to +80
Material & Plate		-	Stainless steel
Cable Specification		-	Ø3 X 4P X 3m (PVC)
Safety Overload		% R.L.	150

Features

- ▶ Compression application
- ▶ Stainless steel material
- ▶ Designed according to IP65

Application

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