

1002

- Capacities : 0.5kgf...20kgf
- Aluminum construction
- IP66 protection



Model

Rated Capacity
1002 - [] Impedance 350Ω

0.5K	0.5kgf (4.9N)
1K	1kgf (9.8N)
2K	2kgf (19.6N)
3K	3kgf (29.4N)

Rated Capacity
1002 - [] - K Impedance 1000Ω

5K	5kgf (49N)
8K	8kgf (78.5N)
15K	15kgf (147N)
20K	20kgf (196N)

Cable color code

Item	Color
Excitation +	Red
Excitation -	Black
Signal output +	Green
Signal output -	White

Specifications

Rated output (R.O.)	0.5mV/V : [1002-0.5K...5K] 1.5mV/V : [1002-K-5K...15K] 2mV/V : [1002-K-20K]
Rated output tolerance	±10%
Zero balance	±10%R.O.
Zero return, 30 min	±0.05%LOAD
Total error	±0.1%R.O.
Eccentric loading error	±0.16%LOAD/cm
Temperature range, compensated	-10°C~+40°C
Temperature range, safe	-20°C~+70°C
Maximum safe overload	150%R.C.
Ultimate central overload	300%R.C.
Excitation, recommended	5V
Excitation, maximum	15V
Input impedance	350Ω±50Ω 1000Ω±50Ω : [1002-K]
Output impedance	350Ω±50Ω 1000Ω±50Ω : [1002-K]
Insulation resistance	>2000MΩ
Cable type	4 wire, PVC, AWG29
Cable length	0.25m
Construction	Aluminum
Environmental protection	IP66
Platform size (max)	200mm×200mm
Recommended torque	2N·m
Weight (approx.)	30g
Nominal (rated) displacement	<0.4mm

Outline dimensions (mm)

