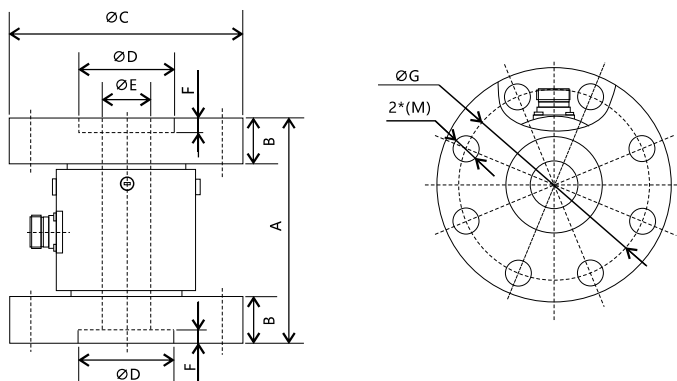


安装尺寸 MOUNTING DIMENSION

MS4001



Cap (N.m)	A	B	$\varnothing C$	$\varnothing D$	$\varnothing E$	F	$\varnothing G$	M
0~100	85	10	59	22	12	5	49	4- $\varnothing 6.5$
200~1K	95	20	98	40	20	6	80	8- $\varnothing 10.5$
3~5K	95	20	125	50	40	6	105	8- $\varnothing 12.5$
7.5~10K	160	30	190	80	50	6	160	8- $\varnothing 19$
20~50K	220	45	308	130	80	5	250	12- $\varnothing 26$

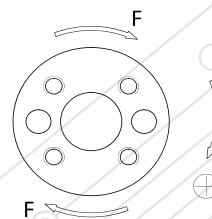
技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	0~100Nm, 1K, 2K, 5K, 10KNm
输出灵敏度	Rated output	1.0~1.5mV
零点输出	Zero balance	1.0~1.5mV
非线性	Non-linearity	0.2%F.S
滞后	Hysteresis	0.2%F.S
重复性	Repeatability	0.1%F.S.
蠕变(30min)	Creep(30min)	0.2%F.S.
温度灵敏度漂移	Temp.effect on output	0.05%F.S./10℃
零点温度漂移	Temp.effect on zero	0.05%F.S./10℃
输入电阻	Input impedance	350/700 $\pm$ 10 Ω
输出电阻	Output impedance	350/700 $\pm$ 10 Ω
绝缘电阻	Insulation	$\geq$ 2000M Ω /100VDC
激励电压 1	Recommended excitation1	$\pm$ 15V(输出频率信号)
激励电压 2	Recommended excitation2	24V(输出模拟信号)
温度补偿范围	Compensated temp range	-10~60℃
工作温度范围	Operation temp range	-20~60℃
安全超载	Safe overload	120%F.S
极限超载	Ultimate overload	150%F.S
电缆线尺寸	Cable size	3m
防护等级	Capacity	IP66

特点和用途 FEATURES & APPLICATIONS

- ◆ 电阻应变为敏感元件和集成电路构成的一体产品
- ◆ 精度高、性能稳定可靠
- ◆ 中低量程扭矩测量，安装使用方便
- ◆ 静态扭矩测量，两端均为法兰盘连接
- ◆ Resistance strain is an integrated product of sensor and integrated circuit
- ◆ High precision, stable and reliable performance
- ◆ Low and medium range torque measurement, easy to install and use
- ◆ Static torque measurement, both ends are flange connection

受力方式 Load Direction



配线图 Wiring Code

