



MLC504 - Through-shaft washer type annular force sensor 5000 kg

Model: MLC504

Catalog: Ring force sensors

Rated load: 300, 500, 1000, 2000, 3000, 5000kg

Accuracy: C2

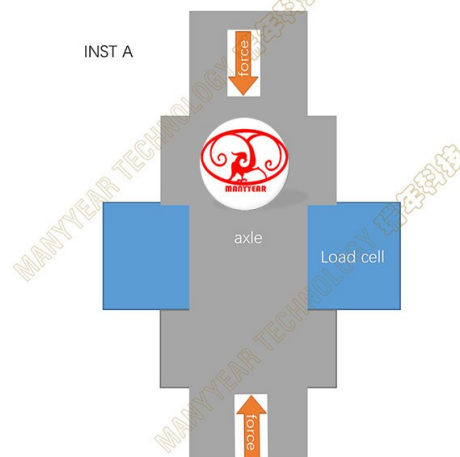
Safe overload: 150%; Ultimate overload: 200%

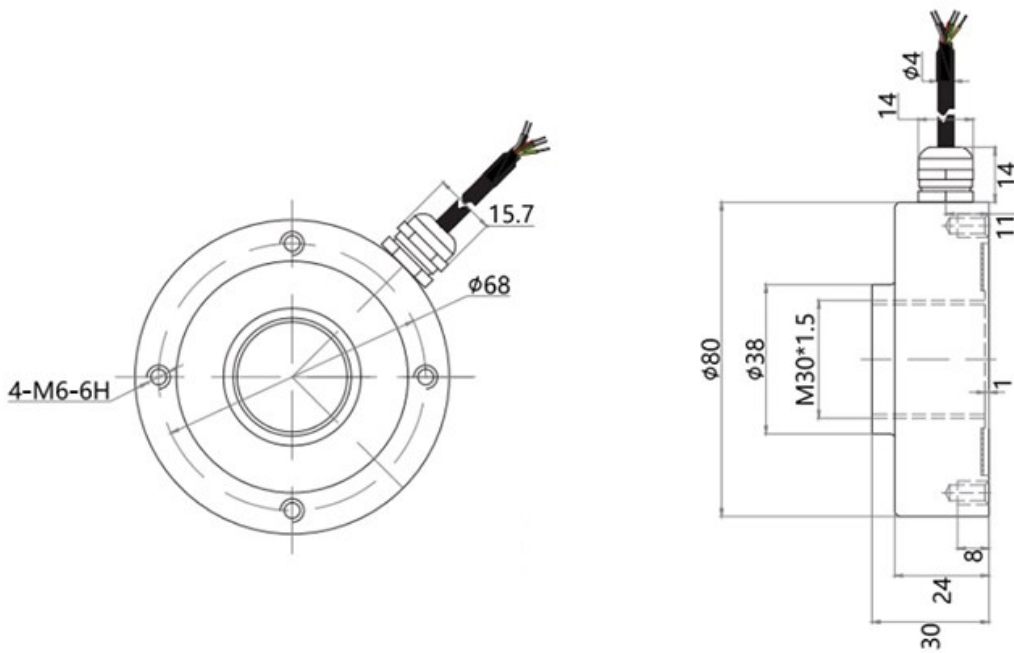
Material: alloy steel, stainless steel

Features: annular force sensor, gasket force sensor, axial force sensor, extrusion force sensor, preload force sensor

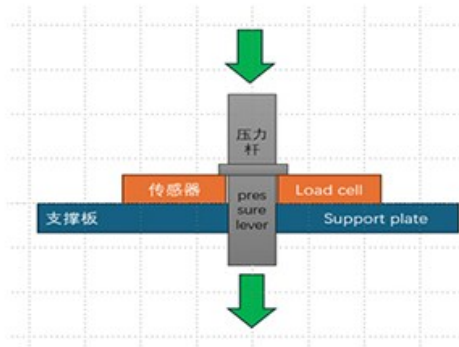
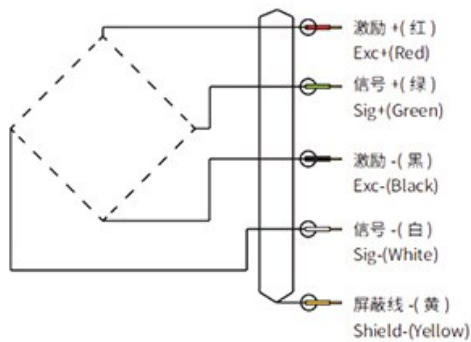


穿轴式称重传感器受力结构
FORCE STRUCTURE OF AXIAL LOAD CELL





MLC504	量程 Capacity (KG)	300	500	1000	2000	3000	5000
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Technical Parameters

Comprehensive error:	0.5%FS	Output resistance:	702±3Ω
Rated output:	1.5±0.01mv/v	Insulation resistance:	≥5000MΩ (100VDC)
Nonlinearity:	0.5%FS	Excitation voltage:	3~5VDC
Lag:	0.5%FS	Compensation temperature:	-20~+65 C
Repeatability:	0.05%FS	Operating temperature:	-33~+65 C
Creep:	0.05%FS/30MIN	Effect of Temp. on zero point:	0.05%FS/10°C
Zero Balance:	±1%FS	Effect of Temp. on sensitivity:	0.05%FS/10°C
Input resistance:	750±50Ω	Defense Rating:	IP67