



MLC507 - Through-shaft washer type annular force sensor 5000 kg

Model:MLC507

Category: Axial Load Cells

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

Material: Alloy Steel

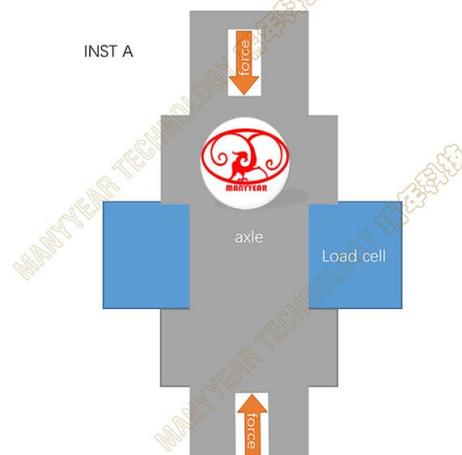
Safe overload: 120%FS; Ultimate overload: 150%FS

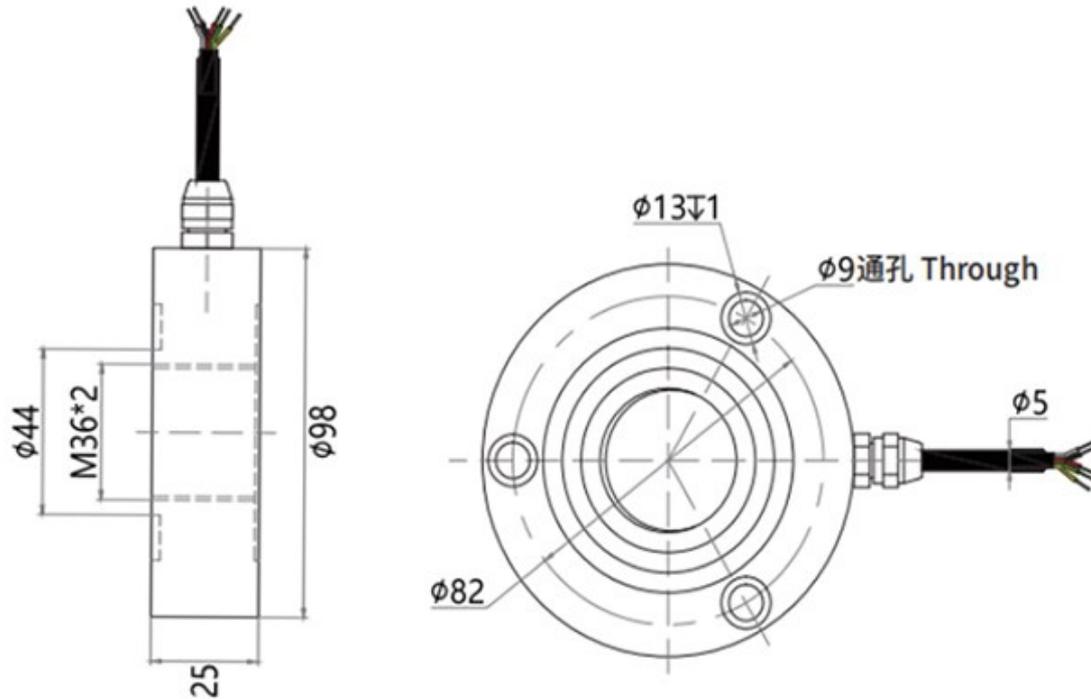
Size: D120*H30mm; Wire type: D5*5000mm

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

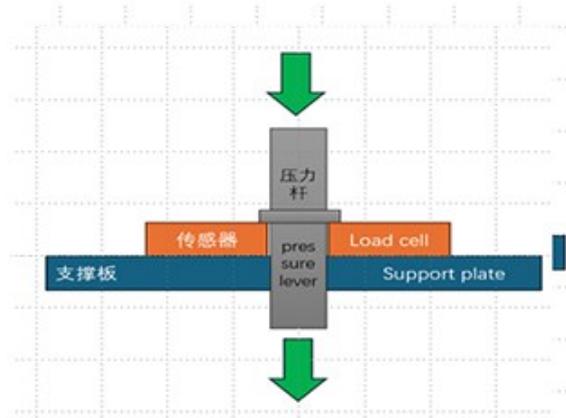
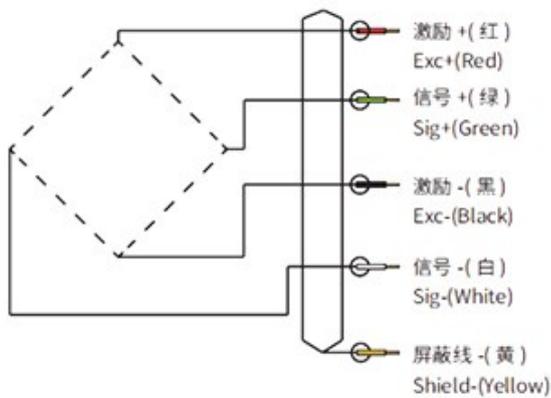


穿轴式称重传感器受力结构
FORCE STRUCTURE OF AXIAL LOAD CELL





MLC507 量程 Capacity (KG) 500 1000 2000 3000 5000



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