



MLC508 - Through-shaft washer type annular force sensor 5000kg

Model:MLC508

Category: Ring force sensor

Rated load: 100, 200, 300, 500, 1000, 2000, 3000, 5000kg

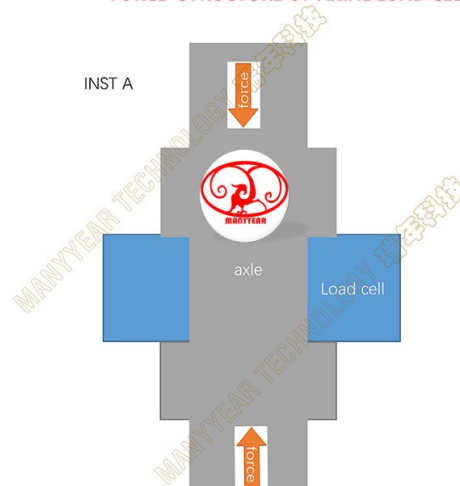
Material: Alloy Steel

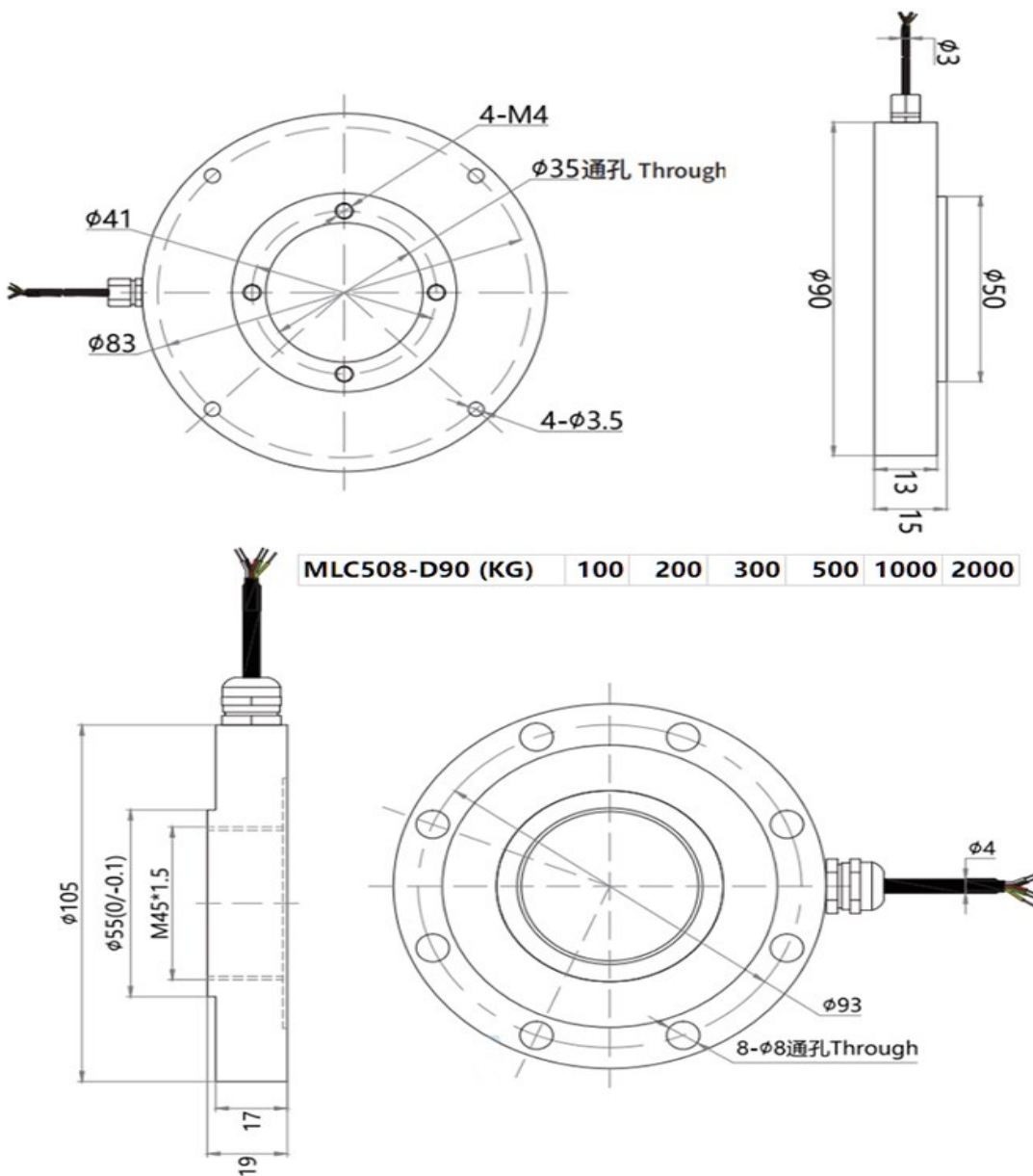
Safe overload: 120%FS; Ultimate overload: 150%FS

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



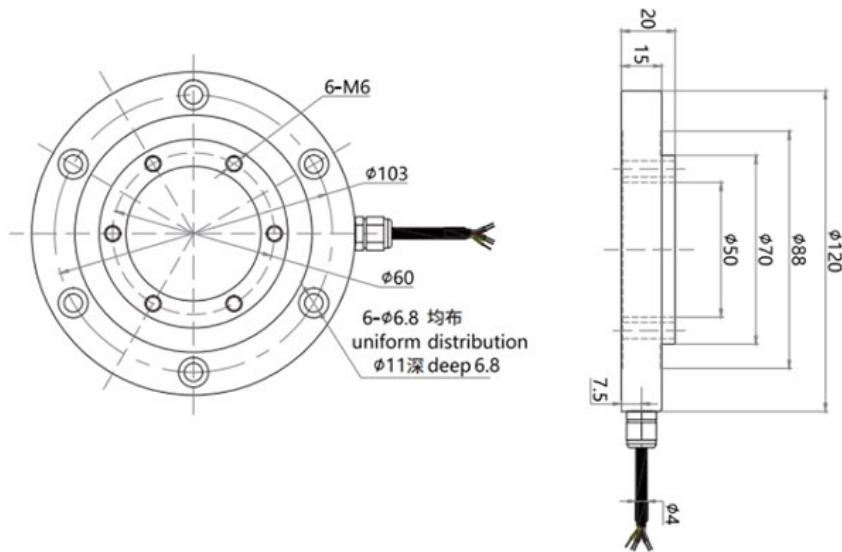
穿轴式称重传感器受力结构
FORCE STRUCTURE OF AXIAL LOAD CELL



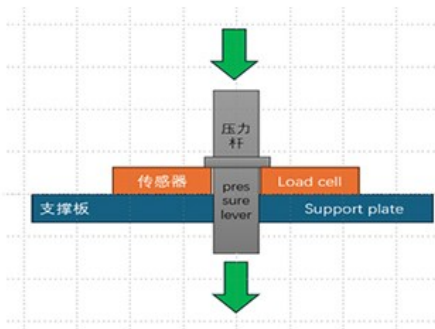
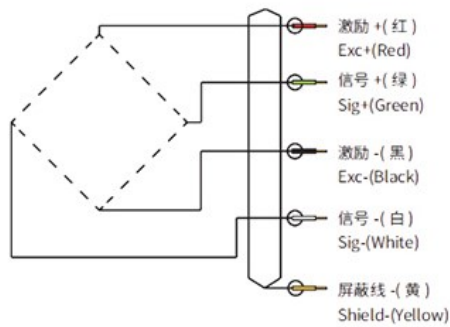




MLC508-D105 (KG) 200 500 1000 2000 3000 5000



MLC508-D120 (KG) 200 500 1000 2000 3000 5000



Technical Parameters

Comprehensive error:	0.5%FS	Output resistance:	702±3Ω
Rated output:	1.5 -2.0 mv/v	Insulation resistance:	≥5000MΩ (100VDC)
Nonlinearity:	0.1 % FS	Excitation voltage:	3~5VDC
Lag:	0.1%FS	Compensation temperature:	-20~+65 C
Repeatability:	0.1 % FS	Operating temperature:	-33~+65 C
Creep:	0.05%FS/30MIN	Effect of Temp. on zero point:	0.05%FS/10°C
Zero Balance:	± 2 %FS	Effect of Temp. on sensitivity:	0.05%FS/10°C
Input resistance:	750±50Ω	Defense Rating:	IP67