

MLC502 - Through-shaft washer type Ring force sensor 500kg

Model:MLC502

Catalog: Ring force sensors

Rated load: 10, 20, 30, 50, 100, 200, 300, 400, 500 kg

Accuracy: C2

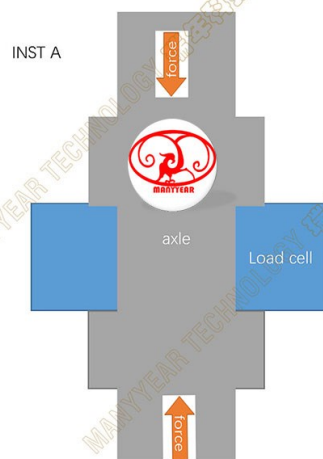
Safe overload: 150%; Ultimate overload: 200%

Material: alloy steel, stainless steel

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



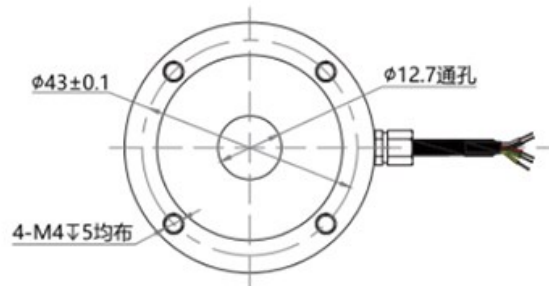
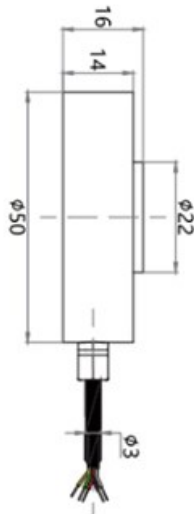
穿轴式称重传感器受力结构
FORCE STRUCTURE OF AXIAL LOAD CELL



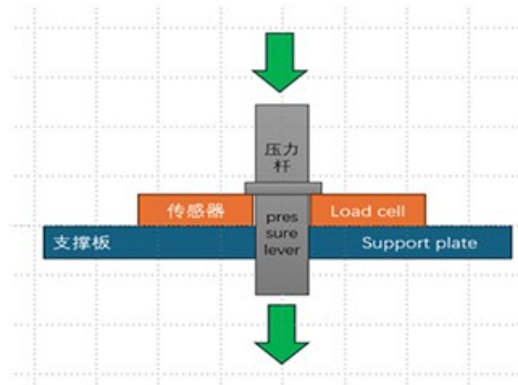
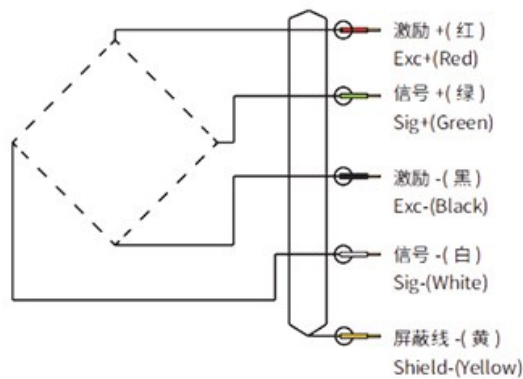


MANYEAR TECHNOLOGY

Ring Force Sensors - Catalog



MLC502	量程 Capacity (KG)	10	20	30	50	100	200	300	400	500
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Technical Parameters

Comprehensive error:	0.2%FS	Output resistance:	352±5Ω
Rated output:	1.2±0.002mv/v	Insulation resistance:	≥5000MΩ (100VDC)
Nonlinearity:	0.05%FS	Excitation voltage:	9~15VDC
Lag:	0.05%FS	Compensation temperature:	-10~+40 °C
Repeatability:	0.02%FS	Operating temperature:	-40~+80 °C
Creep:	0.02%FS/10MIN	Effect of Temp. on zero point:	0.03%FS/10 °C
Zero Balance:	±1%FS	Effect of Temp. on sensitivity:	0.02%FS/10 °C
Input resistance:	400±5Ω	Defense Rating:	IP68 protection level