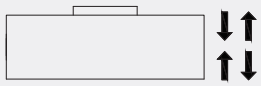
Ring-Shaped Force Sensor

Specifications

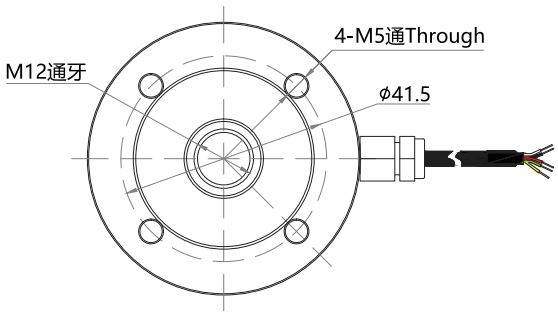
Capacity	0 ~ 30, 50, 100, 200, 300, 500kg
Material	Stainless Steel
Rated Output	2.0 ± 10% mV/V
Zero Balance	± 2 % F.S.
Non-linearity	± 0.1% F.S.
Hysteresis	± 0.05% F.S.
Repeatability	± 0.05% F.S.
Creep (30min)	± 0.05% F.S.
Temp. Effect on Output	± 0.05% F.S. / 10℃
Temp. Effect on Zero	± 0.05% F.S. / 10℃
Input Impedance	750 ± 10Ω
Output Impedance	700 ± 5Ω
Insulation	≥5000MΩ/100VDC
Recommended Excitation	3 ~ 10V
Operating Temp. Range	- 20 ~ 80 ℃
Compensated Temp. Range	- 10 ~ 60 ℃
Safe Overload	150%
Maximum Overload	200%
Cable Specifications	Ø 3 x 3m
Protection Class	IP65
TEDS Available	

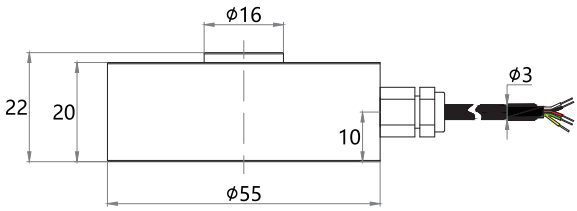
LFC-55A

Load Direction



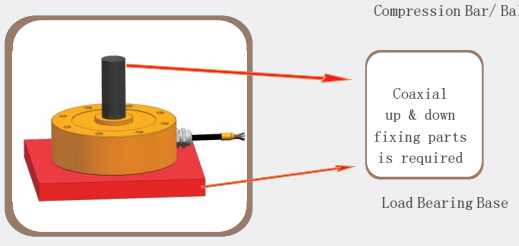
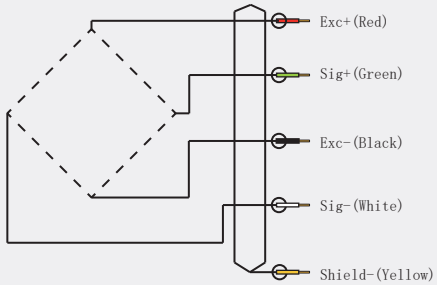
Product Dimension





Installation Mode

Screw Mounted



Wiring Diagram