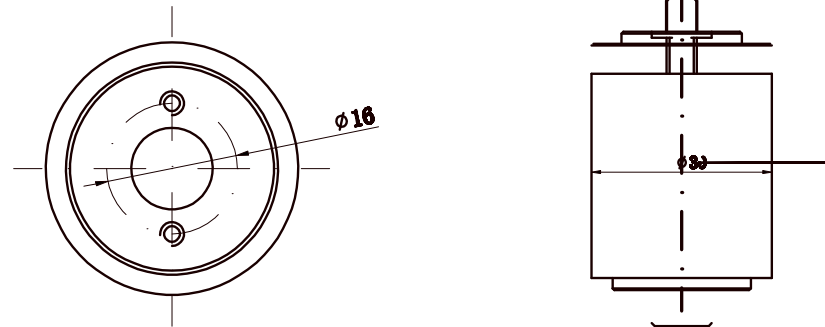


力 准 传 感 / Compression Force Sensor

LF-611



## TECHNICAL SPECIFICATION

| Parameter                    | Parameter Value (23±0.5℃)                                                                                                    | Parameter              | Parameter Value (23±0.5℃) |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| Rated Output                 | 2.0 ± 10% mV/V                                                                                                               | Output Impedance       | 350 ± 3 Ω                 |
| Linearity Error              | ±0.05%                                                                                                                       | Insulation Resistance  | ≥500MΩ (10VDC)            |
| Non-linearity                | 0.05-0.1 % F.S.                                                                                                              | Recommended Excitation | 3~10V                     |
| Hysteresis                   | ±0.05%                                                                                                                       | Maximum Excitation     | 15V                       |
| Repeatability                | 0.05 % F.S.                                                                                                                  | Compensated Temp Range | -10 ~ 40 °C               |
| Input Impedance (excitation) | ≥385MΩ                                                                                                                       | Operating Temp Range   | -20 ~ 80 °C               |
| Temp Effect on Output        | 0.05 % F.S. / 10°C                                                                                                           | Safe Load Limit        | 150%                      |
| Compensation Error           | ±0.05% F.S. (10V)                                                                                                            | Recommended Cable      | 3m                        |
| Input Impedance              | 385 ± 10Ω                                                                                                                    | Cable Size             | Ø 3 x 3m                  |
| Max. Load Capacity           | Load capacity depends on the rated load capacity of the sensor                                                               |                        |                           |
| Applications                 | Mainly applied in plastic shaped machines, and impact force test equipments, pneumatic hydraulic equipments and other fields |                        |                           |