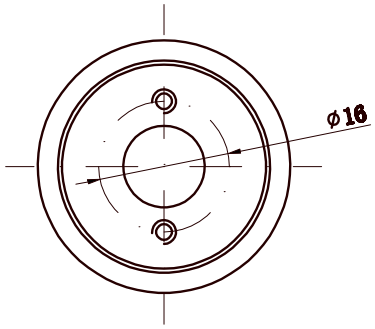
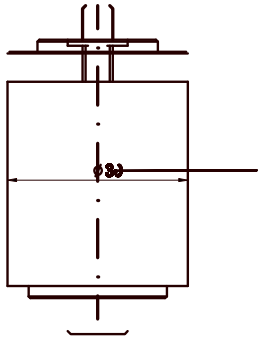
深圳市力准传感技术有限公司
Shenzhen Ligent Sensor Tech Co., Ltd

a Å e y • / Compression Force Sensor

LF-611





TECHNICAL SPECIFICATION

Capacity	0-0.5,1,2,3,5,10,20,30,50kg	Material	Alloy steel / Stainless Steel
Rated Output	2.0 ± 10% mV/V	Output Impedance	350 ± 3 Ω
Zero Balance	± 2%F.S	Insulation	≥5000MΩ/100VDC
Non-linearity	0.05-0.1%F.S	Recommended Excitation	3-10V
Hysteresis	0.05%FS	Maximum Excitation	15V
Repeatability	0.05%F.S	Compensated Temp.Range	-10 ~ 40℃
30' Creep (20min)	0.05%FS	Operating Temp.Range	-20 ~ 80℃
Temp.Effect on Output	0.05%F.S / 10℃	Safe Load Limit	150%
Temp.Effect on Zero	0.05%FS / 10℃	Ultimate Load Limit	200%
Input Impedance	385 ± 10Ω	Cable Size	Ø 3 x 3m
Wire Connection	E+: Red E-: Black Sig+: Green Sig-: White		
Applications	Mainly applied in plasic shaped machines and impact force test equipments, pneumatic hydraulic equipments and other fields		