



Travel Position Sensor

LSJ xx series

Feature

- Smooth feeling (Torque : 0.25Nm)
- Linearity : $\pm 0.5\%$
- Very thin ($t=3.0\text{mm}$)
- “xx” ...32mm or 48mm



Application

- Mixer
- Position sensor

Specification

Operating Temperature Range	-30 to 85
Rated Power	0.05W
Rated Voltage/Current	5V DC
Nominal Total Resistance	10K
Total Resistance Tolerance	$\pm 30\%$
Resistance Taper	Linear
Linearity	$\pm 1\%$ ($\pm 0.5\%$ upon request)
Insulation Resistance	100M at 100V DC
Dielectric Resistance	250V AC 1 min.
Travel	32 ± 0.5 mm, 48 ± 0.3 mm
Slide Force	0.25N.m max.
Life	200,000 cycles