

INDUCTANCE TYPE PROBE (SPRING-LOADED TYPE)

PART NO. 9443-L02

IP43
WATERPROOF



- Spring-loaded type, for side measurement in narrow and long space
- For highly accurate and repeatable displacement measurements of displacement, deformation, dimension, vibration, thickness, expansion, etc. in quality control and metrology applications

SPECIFICATION

Range	$\pm 0.2\text{mm}$
Accuracy*	$\pm 1\%\text{FS}$
Repeatability	$0.3\mu\text{m}$
Mechanical stroke	$\geq 0.55\text{mm}$
Sensor type	LVDT (half bridge)
Measuring force	.13~.20lbf
Operating environment	32~104°F, $\leq 80\%$ (non-condensing)
storage	-4~140°C, $\leq 80\%$ (non-condensing)
Cable length	6ft (customised from 6~16ft)
Output interface	5-wire aviation interface
Dust/waterproof	IP43
Weight	.07lb

* Work with optional 9427-S series or 9428-B series displays, accuracy $\leq 2\mu\text{m}$ (need to be set in the factory)

