



AX5/1/S

Product code: AX5/1/S

Manufacturer: Solartron

The transducer AX5/1/ S is an LVDT with "Spring push" technology.

In a "spring push" probe the tip pushes outwards under the influence of an internal spring. When installed in a fixture it is frequently required to design a mechanism to bring the probe into contact with the piece part being gauged.

It is distinguished by possessing a mechanical stroke higher than the effective stroke.

Characterized by an accuracy (% of reading or μm) of 0.5-1 μm ; from a repeatability (μm) of 0.15 and a sensitivity ($\text{mV} / \text{V} / \text{mm} \pm 5\%$) of 200.

Optimal for applications in metrology, test benches and testing, in the fields of Structures.

Category	Spring push
Measurement range	$\pm 1 \text{ mm}$
Technology	LVDT
Typology	Analogic