

## AX/1/S

**Product code:** AX/1/S

**Manufacturer:** Solartron



The transducer AX/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.

Characterized by an accuracy (% of reading or  $\mu\text{m}$ ) of 0.5-1  $\mu\text{m}$ ; from a repeatability ( $\mu\text{m}$ ) 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.

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