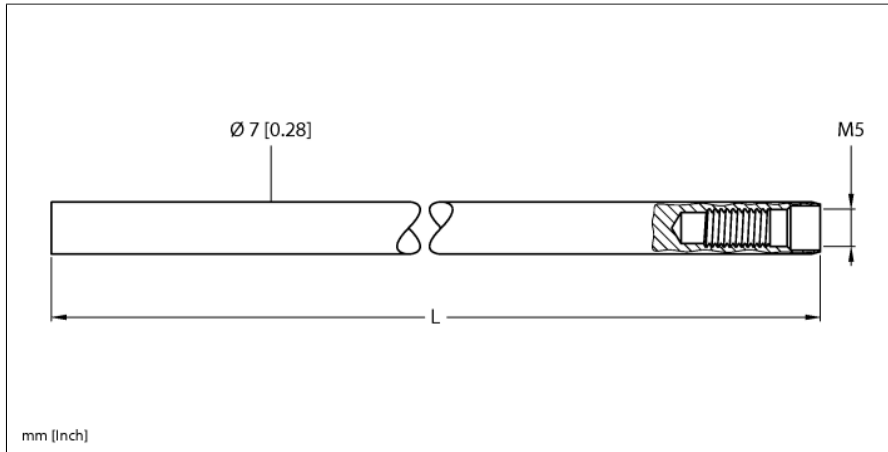


Accessories

Rod Probe

For LS-5 Series

LSRP-0500



- Rod probe for screwing into level sensors in the LS-5 product series
- Probe length 500 mm

Type	LSRP-0500
ID	100002196
Application area	liquids
Probe length (L)	500 mm
Max. loading of probe	6 Nm
Mechanical data	
Materials (contact with media)	Stainless steel 1.4404 (AISI 316L)

Functional principle

The level sensors of the LS-5 series work according to the principle of the guided microwave. The so-called Time Domain Reflectometry (TDR) is used. This method emits an electromagnetic wave along the probe. When the wave reaches the medium, it is partially reflected due to the dielectric constant compared to air. The electromagnetic wave is picked up again by the sensor and the distance to the liquid can now be determined via the transit time.