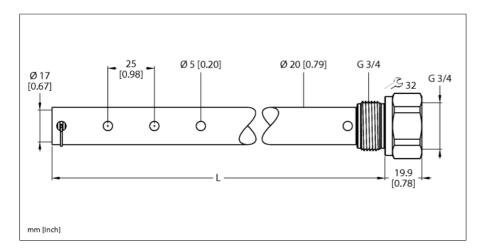


Accessories Coaxial Tube For LS-5 Series LSCT-51-0500

ID





- LSCT-51-0500 Type 100001878 Remark to product Attention: Coaxial tubes (accessories) are only avail
 - able for LS-551 level sensors with process connection G3/4"

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Application area	liquids	
Probe length (L)	500 mm	
Mechanical data		
Material	Stainless steel, 1.4571	
Process connection	G 3/4"	
Sealing material	Aramid fibers, bound with NBR	
Included in delivery	Centering set for LSCT	

- Coaxial tube LS-5 level sensors
- Process connection G3/4"
- Tube length 500 mm

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 par-_ tially 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.



Accessories

Type code	Ident no.		Dimension drawing
LSAB2	100016515	PTFE centering star for mounting probes in the LS-5 product series in LSCT-xx-xxxx coaxial tubes	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1