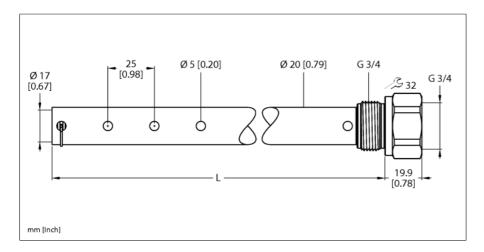


Accessories Coaxial Tube For LS-5 Series LSCT-51-0700





- Coaxial tube LS-5 level sensors
- Process connection G3/4"
- Tube length 700 mm

| Туре | LSCT-51-0700 | |
|----------------------|--------------------------------------------------------|--|
| ID | 100001882 | |
| Remark to product | Attention: Coaxial tubes (accessories) are only avail- | |
| | able for LS-551 level sensors with process connec- | |
| | tion G3/4". | |
| | | |
| Application area | liquids | |
| Probe length (L) | 700 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 | |

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.



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 | 917 919 1 1000 1 1000 1 1000 1 1000 |
| | | | |