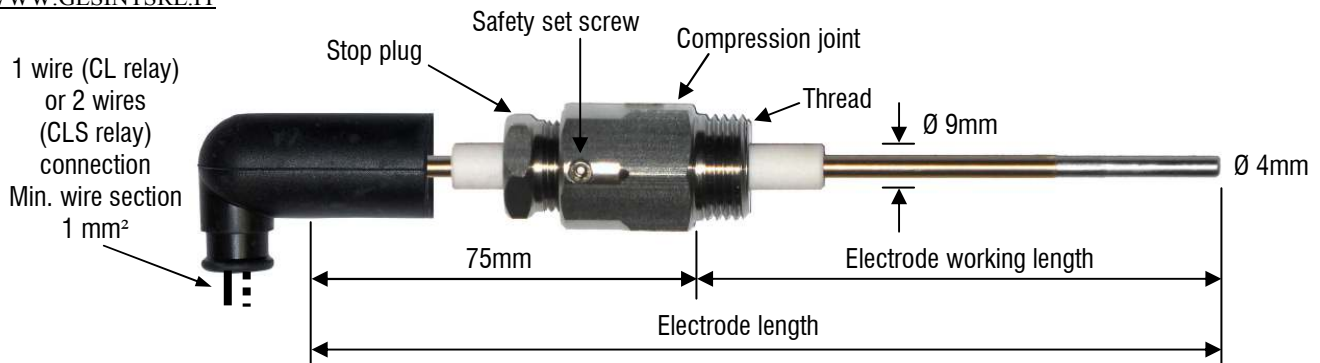




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ELECTRODE LEVEL PROBE FOR CONDUCTIVE LIQUID WITH FIXED IMMERSION

SLFK Series



TECHNICAL DATA

MATERIAL

| | |
|--------------------------|--|
| Electrode: | Ø4mm, SS AISI316L (ASTM A479, Last version) |
| Terminal cover: | EPDM |
| Joint: | SS AISI316L (ASTM A479, Last version) |
| Insulation bush: | Virgin PTFE containing 25% glass fiber <i>PEEK (Polyether ether ketone) on request</i> |
| Coating: | Irradiated PVDF shrink sheath - Dielectric strength: 30 KV/mm - Volume resistivity: $10^{13} \Omega/\text{cm}\cdot\text{min.}$ - Flameproof: MIL-I-23053 - Water absorption: 0.5% max - Resistance to persistent agent: MIL-I-23053 - Specification: MIL-I-23053/8 UL 224/VW - 1 150°C 600 V UTE C 93641 mod. GER 55 |
| Electrode length: | 175 - 275 - 500 - 750 - 1000 mm |
| Connection: | 1/4" , 3/8" , 1/2" BSP male - SW24 |

WORK ENVIRONMENT

| | |
|---------------------------------|--|
| Max Working temperature: | 160°C |
| Max Working pressure: | 10 bar |
| Fluid: | water / dyeing bath compatible with SS AISI316L/PVDF non-flammable conductive liquids |

INSTALLATION

In order to obtain a perfect seal, stop plug is supplied preloaded and safety set screw locked, please avoid any tampering of compression joint. Only in case of leakage, unlock safety set screw and tighten compression joint using the stop plug, then relock the safety set screw.

USE ON PRESSURISED MACHINERY: level sensors with threaded connection that don't have a pressurised housing are not subject to the pressure equipment directive, according to Article 2, Point 5 of the directive 2014/68/EU that defines *pressure accessories* as "devices with an operational function and having pressure-bearing housings". As these level sensors have no pressurized housing, then they are not a pressure-bearing equipment in the sense of the directive.