

THERMAL INSERTION LIQUID LEVEL SWITCH EXPLOSION PROOF

TLS SERIES

CLASS I, GROUPS A, B, C, D;
CLASS II, GROUPS E, F, G; NEMA 4X
Protection: IP68

TLS Series are assembled with a thermal dispersion sensor. It designed to provide a switch function for controller or alarm when the sensor is immersed into process liquid.

Technical Data

- Wetted Parts Material:** 316 stainless steel
- Thread Connection:** 3/4"NPT or 3/4"BSP Male
- Flange Connection:** from 3/4" to 3"; JIS, ANSI, DIN and Clamp available
- Detection Length:** Standard 2"; and option 2"~120" (0~3M)
- Conduit Connection:** 3/4" or 1/2"NPT Female
- Working Temperature:** -30°C~+120°C
- Working Pressure:** maximum 40 kg/cm²
- Power Supply:** 110VAC, 220VAC, 24VDC
- Contact Form:** SPDT x 2
- Contact Rating:** 10A/125VAC, 10A/250VAC
- Response Time:** 3 to 10 seconds
- Repeatability:** ±1% of setpoint



Approvals:



TD0400TJ

Process Connection

Thread Type	Flange Type DIN, ANSI, JIS 3/4"~3"	Clamp Type ISO 2852 (3A) 3/4"~2"	Coupling Type DIN 11851 3/4"~2"
STANDARD LENGTH			
*Dimension varies according to flange rating. unit=mm			
AVAILABLE LENGTH			
*Dimension varies according to flange rating. unit=mm			

