Datasheet of SCLTSD-370-00-07 SensoControl LevelTempController SCLTSD

Description

Level and temperature controller, installation length 370 mm, 2 switching outputs; no analogue output, -20 to +85 °C
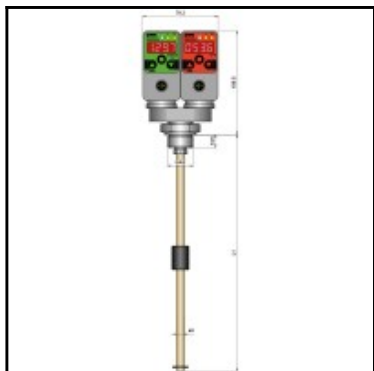
With the LevelTempController it is possible to set and display the temperature and the level separately on a common platform. The integration of level and temperature unfolds its potential in a unique way, especially in tank monitoring.
The LevelTempController combines the functions of a level/temperature switch, a level/temperature sensor and a level/temperature display:
• Level/temperature display (thermometer/sight glass)
• Switching outputs
• Analog signal

Device characteristics:
• Proven measuring system
• Rotatable
• Level indicator
• mm/inch/% display
• High & Low Indicator
• Analog output
• Switching outputs
• Just one hole
• No stillpipe required
• Replacement for several mechanical switches

Details

Protection:	IP 67
Length in mm:	370
Material body:	die-cast zinc Z 410; painted
Precision:	± 1% FS ± 1 digit at 25 °C (level) ± 0.35 % FS ± 1 digit at 25 °C (temperature)
Sampling rate:	< 700 ms (level) < 300 ms (temperature)
Weight in kg:	1,06
Connection:	Male thread 3/4"
Number of outputs:	2 switching outputs; no analog output
Power supply:	15…30 VDC nominal 24 VDC; Protection class 3
Display:	4-digit 7-segment LED; red; Digit height 9 mm
Maximum working pressure in bar:	1
Working temperature:	-20°C to +85°C
Electrical connection:	Circular connector M12x1; 4 pin

Dimensions

Length in mm:	370