SFLS600 Electronic level temperature switch sensor

Product application

Water/tanklevel

Water/oiltanklevel

Opencans/boxes

Tanklevelmeasurement

Technical parameters

◇ Measuring range (guide rod length L): Temperature range -50... 250 ℃ is adjustable, Liquid alarm stations are optional

◇ Measuring medium: corrosive compatible with 304 stainless steel

◇ Pressure resistance: ≤ 1.5 times of measuring range

◇ Medium density: ≥0.7g/cm

◇ Supply voltage: 12... 30 VDC

◇ No-load current consumption: ≤30mA, at 24Vdc power supply

◇ Switch output

◇ Output type: push-pull type (compatible with BOTH PNP and NPN), Normally open and normally closed can be set

◇ Output current: S1, S2: < 500mA

◇ Voltage drop: < 1V

◇ Current analog output

◇ Output type: three wire 0... 20 ma / 4... Can be set to 20 ma

◇ Load RA: RA≤500ohm

◇ Linearity: ≤±1.5% range

◇ Voltage type analog output

◇ Output type: three wire 0... 5 v / 1... Can be set to 5 v

◇ load RA: RA > 10Kohm

◇ Linearity: ≤±1.5% range

◇ Wiring protection: reverse phase, overload, short circuit protection

◇ His show

Design: Red 4-digit 8mm high brightness 7-segment digital LED

Digital display range: -999... 9999

◇ His temperature

Working temperature: -20... 80 ℃

Medium temperature: -20... 100 ℃

Storage temperature: -30... 80 ℃

◇ His material

Case of watch head: engineering plastic

Housing: 304 stainless steel

Process connection: 304 stainless steel (316 or PTFE can be customized)

◇ Protection level: IP67

◇ Outlet mode: M12×1 connector

Principles Characteristics

The SFLS600 series features a float level switch based on the SFLS600 electronic temperature sensor. Float ball is in the closed non-magnetic stainless steel tube is equipped with a dry spring pipe, float ball is equipped with a circular magnetic ring, float ball with the liquid level up or down and move, thereby triggering or releasing the magnetic spring switch inside the stainless steel tube, send out the switch signal

- Full metal enclosure design
- The use of highlighting LED digital display, so that this series of products can

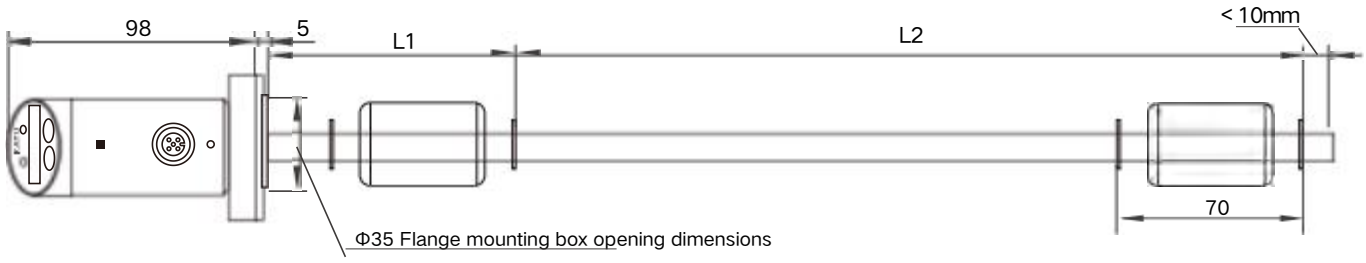
It is used in various industrial occasions.

- Double key design and user-friendly menu make the product more convenient to use.
- Multiple connection modes can fully meet various specific installation requirements.
- The display head can be rotated by 330 ° to ensure that it can be installed in different ways

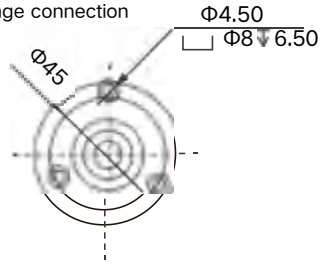
Get the best viewing Angle.

E-mail: info@cdsentec.com www.cdsentec.com

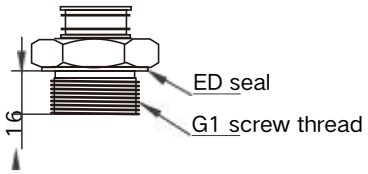
Size chart (mm)



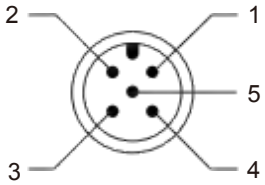
Flange connection



Threaded connections



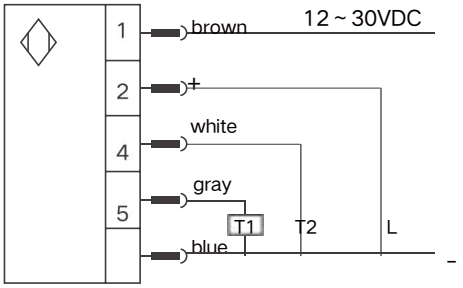
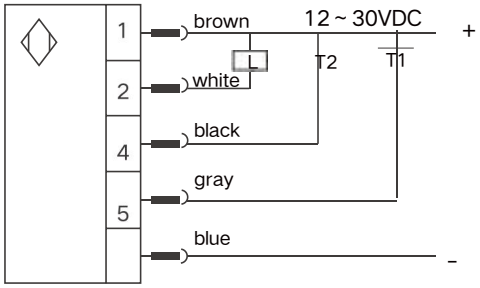
wiring diagram



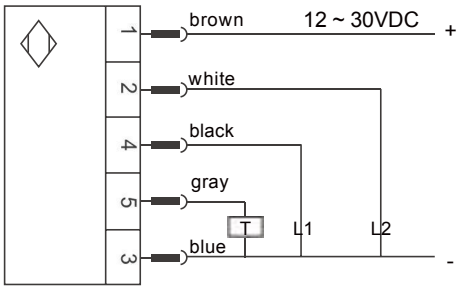
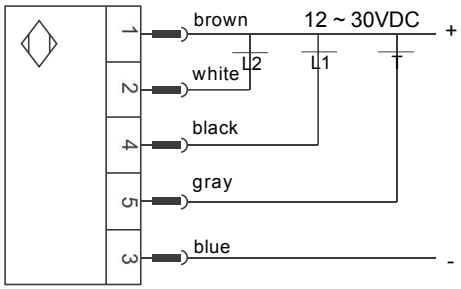
M12connectors

signal	stitching	cable
VDD	1	brown
GND	3	blue
Switch output S1	4	black
Switch output S2	2	white
Analog output (voltage or current)	5	gray

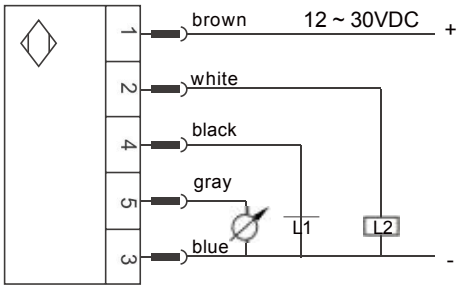
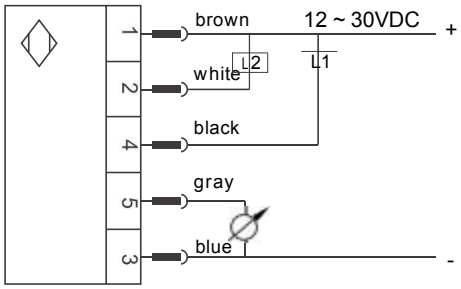
2temperatureswitches+1levelswitch

PNP	NPN
	

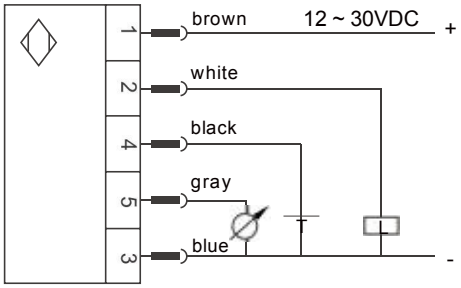
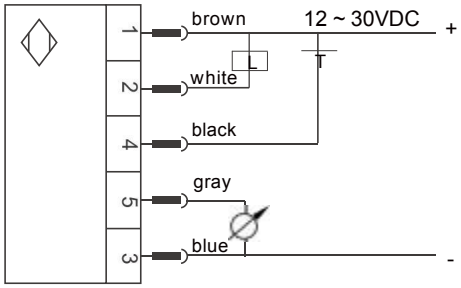
1 temperature switch +2 level switches

PNP	NPN
	

1 temperature analog +2 level switches

PNP	NPN
	

1 temperature analog +1 temperature switch +1 level switch

PNP	NPN
	

Selection table

SFLS600-	P	S1	G1M	050	NO	_	_	detailed
SFLS600								Elect ronic level tem perat u re i ntegrated sensor
	P							PNP out put
	N							NPN out put
		S1						2 c h annel tem perat u re switc h + 1 c h annel liquid level switc h
		S2						1 c h annel tem perat u re switc h + 2 c h annel liquid level switc h
		S3						1 c h annel tem perat u re analog + 2 c h annel liquid level switc h
		S4						1 c h annel tem perat u re analog + 1 c h annel tem perat u re switc hing + 1 c h annel liquid level switc hing
			F45					F lange connection
			G1M					G1 external thread
				XXX				rod length L1=XXXm m Note : L1 see the dim ension d rawi ng . 1000 represents the length of prob e rod L=1000m m
					NO			L1 level switc h is norm ally on out put
					NC			L1 level switc h norm ally c losed out put
						XXX		Rod length L2=XXXm m , optional if not requi red : See the s ize diagram of L2, 1000 m eans the prob e rod length L=1000m m
							NO	L2 level switc h norm ally on out put
							NC	L2 level switc h norm ally c losed out put
Note : Specia l requi rem ents can b e custom ized