

DESCRIPTIONS:

SPT61 is capacitive fuel sensor for general fuel measurement purpose. It uses full stainless-steel construction and high resolution capacitive measurement system, make sure the measurement result is stable even when on the moving vehicle. It is widely used on heavy duty trucks, fuel distribution station, diesel generator, and other site which need to measure the fuel level constantly. It also provides GPS system for customer to monitoring abnormal fuel consumption.

FEATURES:

- Reliable performance, easy application
- All stainless steel construction
- Short protection and reverse polarity protection
- 4/20mA – 0/5V – 0/3.3V – RS485, RS232 optional
- Customize design available

SPECIFICATIONS:

Measure range	100 ~ 1400mm
Pressure range	-1 ~ 4bar
Working Temp.:	-35°C ~ +70°C
Probe size	Φ16mm
Power supply	DC5V, 9~36V
Working current	<10mA
Mounting option	G1/2 thread, flange mounting (customized connection available)
Output signal	4/20mA – 0/5V – 0/3.3V – RS485 – RS232 – CAN
Explosion proof	EXd II CT5
Accuracy	±0.5%
Electrical connection	Wires or customized plug

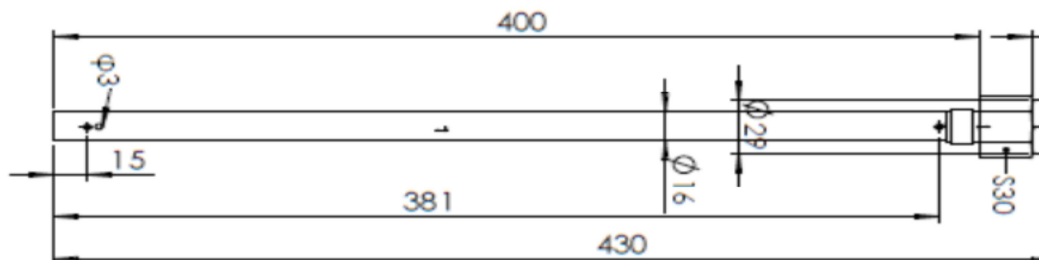


APPLICATIONS:

- Truck/Bus diesel tank measurement
- Diesel power generator tank measurement
- Fuel distribution station tank measurement
- Fuel consumption monitoring

CONSTRUCTION AND OUTLINE DIMENSION:

- Housing: SS304
- Pressure port: SS304
- Probe: SS304
- Sealing gasket: NBR/Viton
- Cable: PE
- Cable protection probe: PE



ELECTRICAL CONNECTION:

Wire color	2-Wire	3-Wire
Red	+V	+V
Black	+OUT	+OUT
White	Null	GND

HOW TO ORDER:

SPT61	Capacitive Fuel Sensor				
	Range	Pressure range: 0~100...1400mm			
	[0~X]mm	X: the actual insert length			
		Code	Output signal		
		I	4~20mADC		
		V1	0~5VDC		
		V2	0~3.3VDC		
		R1	RS485(Modbus)		
		R2	RS232		
		C	CAN		
		X	Cable length X meters		
			Code	Others	
			C ₃	G1/2 thread mounting	
			C _x	Customized thread size	
			F	Flange connection	
			C ₁	G1/4 male thread	
SPT61	[0~500mm]	I	2	C ₃	the whole spec

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