

🛃 BENEFITS

- Low power
- Low cost
- Compact design

X TECHNICAL SPECIFICATIONS

	wires, 8mm tinned
Sensor termination	24AWG, 250mm PTFE
Housing material ¹	Polysulfone
Storage temperatures	-30°C to +85°C
Operating temperatures	-25°C to +80°C
Output sink and source current (lout)	100mA
Supply current (Is)	2.5mA max. (Vs = 15.4V _{DC})
Supply voltage (Vs)	$4.5V_{DC}$ to $15.4V_{DC}$

Before use check that the fluid in which you wish to use these devices is compatible with Polysulfone.
 Voltages applicable to output value stated.

OUTPUT VALUES

Output High

Output Low

Output Voltage² (Vout):

lout = 100mA

Vout = Vs - 1.5V max

Vout = 0V + 0.5V max

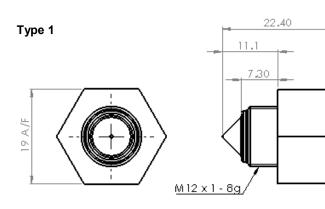
iSweek www.isweek.com

NOTES

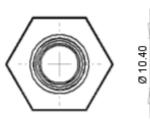
Add: 16/F, Bldg. #3, Zhongke Mansion, No.1 Hi-Tech S. Rd, Hi-Tech Park South, Shenzhen, Guangdong, 518067 P.R.China Tel: + 86-755-83289036 Fax: + 86-755-83289052 E-mail: sales@isweek.com

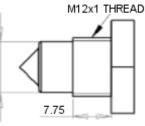
OUTLINE DRAWING

All dimensions shown in mm. Tolerances = ± 1 mm.

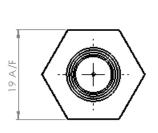


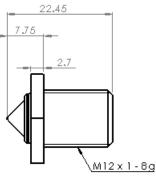
Type 2





Туре 3





HOUSING SPECIFICATIONS

	Housing Series - Internal Mounting				
	Туре 1	Туре 2			
Thread	M12x1x8g	M12x1x8g with hex nut ¹			
Pressure ²	7 bar / 101 psi maximum				
Tightening Torque	1.5 Nm / 13.26 in-lbs maximum				

	Housing Series - External Mounting				
	Туре 3	Туре 5			
Thread	M12x1x8g with hex nut ¹	M10x1			
Pressure ²	7 bar / 101 psi maximum				
Tightening Torque	1.5 Nm / 13.26 in-Ibs maximum	Not Applicable			

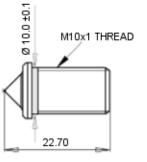
NOTE: In the cases of Type 1 and Type 3 sensors, the rear of the SST sensors are slightly longer than the Honeywell sensors.

NOTE: The dimensions of the Type 5 part make it a "push in" part the same as LLE105000. Note that the sensor can also be secured using an M10 nut.

ELECTRICAL INTERFACE

Type 5





NOTES

Hex nut and washer supplied with Type 1, Type 2 and Type 3. When correctly sealed.

iSweek www.isweek.com

1)

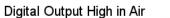
2)

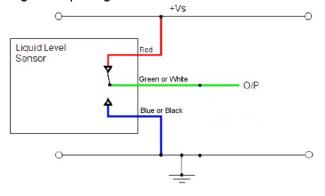
 Add: 16/F, Bldg. #3, Zhongke Mansion, No.1 Hi-Tech S. Rd, Hi-Tech Park South, Shenzhen, Guangdong, 518067 P.R.China

 Tel: + 86-755-83289036
 Fax: + 86-755-83289052

 E-mail: sales@isweek.com

CIRCUIT DIAGRAM





CAUTION: Take care when connecting loads. The minimum load impedance should not exceed Vs/max output current. **Note:** Shorting the output to Vs or 0V will result in irreparable damage to the sensor.

Specify the part number you require.

Sensor mounted from inside vessel

Type 1										Туре 3
	L	L	С	1	0	1	0	0	0	L L C 1 0 3 0 0 0
Type 2										Type 5
	L	L	С	1	0	2	0	0	0	L L C 1 0 5 0 0 0

Sensor mounted from outside vessel

 CAUTION Do not exceed maximum ratings and ensure sensor(s) are operated in accordance with their requirements. Carefully follow all wiring instructions. Incorrect wiring can cause permanent damage to the device. SST Sensing Ltd recommend using alcohol based cleaning agents. Do NOT use chlorinated solvents such as trichloroethane as these are likely to attack the sensor material. Failure to comply with these instructions may result in product damage. 	As customer applications are outside of SST Sensing Ltd.'s control, the information provided is given without legal responsibility. Customers should test under their own conditions to ensure that the equipment is suitable for their intended application. Before use, check that the fluid in which you wish to use these devices is compatible with Polysulfone.					
General Note: SST Sensing Ltd. reserves the right to make changes to product specifications without notice or liability. All information is subject to SST Sensing Ltd.'s own data and considered accurate at time of going to print.						



© 2017

RoHS

İSweek www.lsweek.com Add: 16/F, Bldg. #3, Zhongke Mansion, No.1 Hi-Tech S. Rd, Hi-Tech Park South, Shenzhen, Guangdong, 518067 P.R.China Tel: + 86-755-83289036 Fax: + 86-755-83289052 E-mail: sales@isweek.com