



LevelSys S G1

Technology For The Tank
G1" Stainless Point Level Sensor



Your application requires reliable liquid level measurement in high grade of stainless steel? Why not using a customized, high quality level sensor that suits your application to 100% at same cost as a standard sensor?

- ✓Chemical compatibility
- ✓Low volume customization
- ✓Adaptable to your application
- ✓OEM inventory available
- ✓Made in EU



„...Designed for mobile and industrial liquid tanks...”



SPECIFIC

Designed for you



MEASURABLE

Impacts your business



ACHIEVABLE

From idea to success



RELEVANT

Serves your application



TIME-BOUND

Built on time

IDEATION

DESIGNING

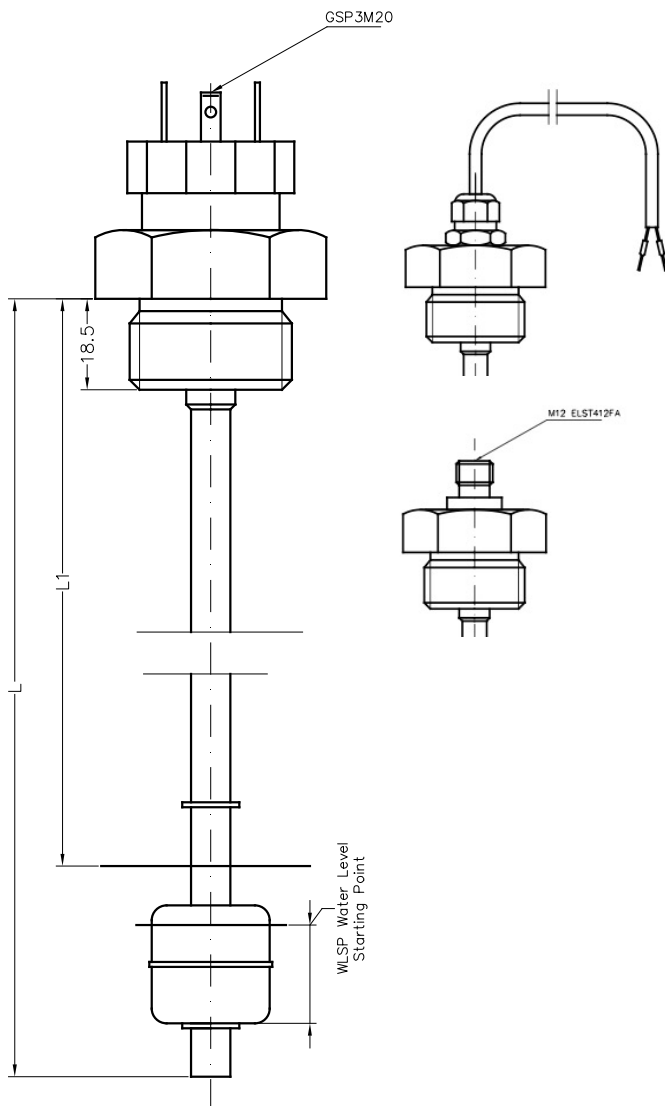
PROTOTYPING

TESTING

MANUFACTURING

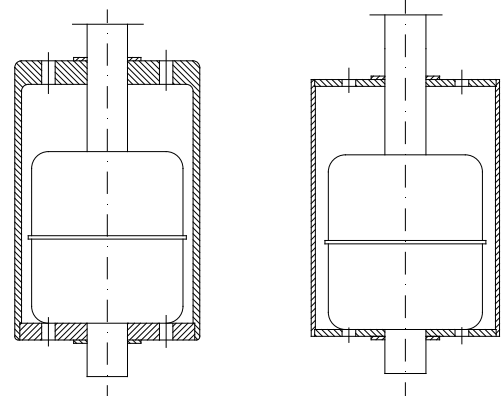


OEMSYS Sp. z o.o.
Fabryczna 1
34-600 Limanowa
Poland



Technical specification	
Housing material	AISI 316 DIN 1.4401
Float material	AISI 304/1.4301 AISI 316/1.4401 PP, PVDF
Operating temperature	0..125 °C**
Max pressure	10 bar
Fluid minimum gravity	0,8
Output	Ordering table
Electrical connection	Ordering table
Accuracy	5 mm
Housing	IP 65
Alarms rating	10 W
Certification	CE

Slosh shields



LevelSys S G1 - _	L - L1/Signal	Floats	Float type	Float holding	Slosh shield	Temp sensor
1-Cable gland 2-M12, 4P ELST412FA -25..90°C 4-GSP3M20 DIN EN 175 301-803-A -40..125°C	L [mm]	L1 [mm] -L2 [mm] *** -L3 [mm] *** /O-NO* /C-NC*	1 2 3	A-φ24x24mm B-φ28x28mm C-φ29x29mm D-φ26x26mm E-φ26x28mm	X-DIN 6799 Y-DIN 705	N-No P-PA12 S-SS only A/D/ E float N-No A-PT100 B-PT1000 Sxx- Switch °C








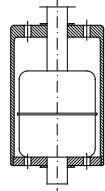
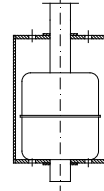
Example of the part configuration: G1-4-300-2-220/NO-100/NC-2-B-X-N-N Consult factory for any special requirements, other threads are available

* NO/NC means output condition at NO LIQUID/Tank is empty

** Operating temperature depends on electrical connection and special features

*** If number of floats is higher then 1, provide values of L2, L3. Temperature output with more than 1 float is available only with cable gland output



Connector	1-Cable gland	2-M12, 4P ELST412FA -25..90°C	4-GSP2M20 DIN EN 175 301-803- A -40..125°C		
Length	L - total length of the sensor as per drawing in mm				
L1/Signal	Actuation point of the float and logic of the signal indicated for each float separately. Example: 1 float: 220/NO 2 floats 230/NC-280/NO				
Floats	Total number of floats for the unit (1-3)				
Float type	A - ϕ 24x24mm AISI 316 WLSP 20mm 	B - ϕ 28x28mm AISI 316 WLSP 20mm 	C - ϕ 29x29mm AISI316 WLSP 23mm 	D - ϕ 26x26mm PP WLSP 20mm 	E - ϕ 26x28mm PVDF WLSP 22mm 
Float holding	X -DIN 6799 	Y -DIN 705 			
Slosh shield (only applicable to A/D/E floats)	P -PA12 Sintered from Nylon PA12, stable up to 100 °C Consult factory if special shape is required 		S -SS Stainless steel AISI 304 Consult factory If special shape is required 		
Temperature sensor	A -PT100	B -PT1000	S_{xx} - Switch °C Indicate value of switching temperature, consult with the factory as not all switch points are available Example: S80 - Switch 80°C		