

# Large Size – Alloys

## FABRI-LEVEL™ Components and Kits Build Into Custom Switches in Minutes

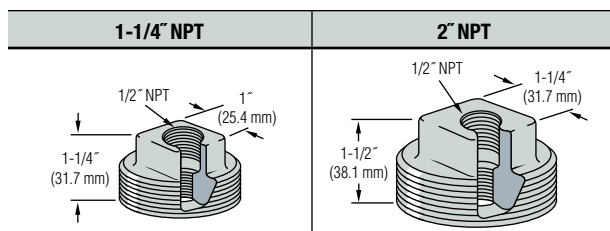
GEMS FABRI-LEVEL™ units can be custom-assembled in minutes from standard components, right in your plant. Simple instructions are furnished with kits.

### FABRI-LEVEL™ Components

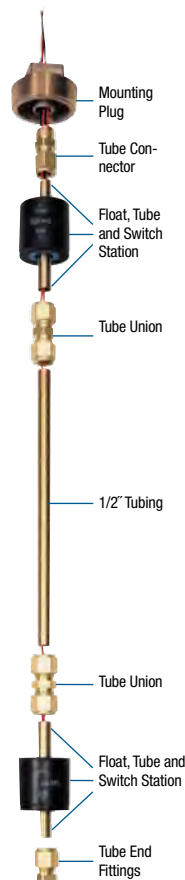
**How to Order:** Specify Part Number and quantity of each component required.

#### Mounting Types

Provides clearance for inserting unit in tank. 2" NPT Mounting must be used with stainless steel floats.



Material	Part Numbers	
Brass	26034	24408 ⚡
316 Stainless Steel	26033	24407 ⚡



**RoHS Compliant:**

All LS-3 Series level switches featured on this page and the next are in compliance with EU-directive 2011/65/EC.

#### Level Station Assemblies

Each Station is comprised of a float, tube section and switch.

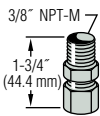
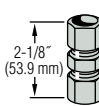
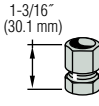
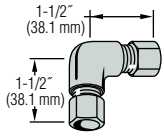
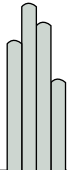
**Lead Wires: SPST:** #18 AWG, 60" L., Teflon®; **SPDT:** #22 AWG, 60" L., Teflon®

Float Material			Buna N				316 Stainless Steel			
Compatible Mounting Type			1-1/4" NPT		2" NPT					
<b>Float Dimensions</b>										
<b>Operating Temperature</b>			Water: to +180°F (+82°C); Oil: -40°F to +230°F (-40°C to +110°C)				-40°F to +275°F (-40°C to +135°C)			
<b>Pressure, PSI, Max.</b>			150				750			
<b>Min. Media Specific Gravity</b>			.75		.55			.75		
Mounting Size	Switch Type	Tubing Material	Part Number	A Dim.	Part Number	A Dim.	Part Number	A Dim.		
1-1/4" NPT	SPST 20 VA	Brass	26609	4" (101.6 mm)	—	—	—	—		
		Stainless Steel	26608							
	SPDT 20 VA	Brass	26737	4-29/64" (113.0 mm)						
		Stainless Steel	26738							
2" NPT	SPST 20 VA	Brass	—	—	24410	4" (101.6 mm)	—	4-1/4" (107.9 mm)		
		Stainless Steel			25328				24411 ⚡	
	SPDT 20 VA	Brass			24578	4-29/64" (113.0 mm)	—	—	—	4-29/64" (113.0 mm)
		Stainless Steel			25329					

\* See "Electrical Data" on Page X-5 for more information.

⚡ – Stock Items.

**Fittings and Tubing**

Description (1/2" Fittings)	Tube Connector	Tube Union	Tube End Fitting	90° Elbow	1/2" O.D. Tubing	
					10" Length	36" Length
<b>Function</b>	Connects tube to mounting plug, mounts unit from inside of tank.	Connects level stations or extension tubes.	Seals end of unit.	For side entry into tank	For extending units or level station spacing.	
						
<b>Material</b>	<b>Part Numbers</b>					
<b>Brass (Nylon Ferrule)</b>	<b>24633</b> ⚡	<b>24412</b> ⚡	<b>24553</b> ⚡	<b>24631</b>	<b>25199</b> ⚡	<b>24637</b>
<b>All-316 Stainless Steel</b>	<b>24634</b> ⚡	<b>24413</b> ⚡	<b>24554</b> ⚡	<b>24632</b>	<b>25204</b>	<b>24638</b>

**LEVEL SWITCHES – SINGLE POINT**

**FABRI-LEVEL™ Kits**

FABRI-LEVEL Switch Kits contain all components for complete assembly of a 1- or 2-station level switch unit for pipe-plug mounting in your tank. Kits are available in several material and size combinations. N.O. or N.C. operation of the SPST switch is selectable by inverting the float(s) on the unit stem. Two 10" (254 mm) lengths of tube are furnished to space level stations as desired. Components available for custom-building other configurations are listed on the facing page and above.

**Specifications**

Kits use the components listed individually on the facing page and above. Please review for performance and dimensional data.

**RoHS:** In compliance with EU-directive 2011/65/EC requirements for chemicals and substances.

**How To Order**

Specify Kit Number and quantity.

Materials		Mounting NPT	Kit Number
Fittings	Floats		
Brass	Buna N	1-1/4"	<b>26128</b> ⚡
		2"	<b>24576</b> ⚡
316 Stainless Steel	Buna N	1-1/4"	<b>26130</b>
		2"	<b>26675</b>
316 Stainless Steel		2"	<b>24577</b> ⚡

Warning: Improper application, assembly or installation of FABRI-LEVEL™ Kits or components may result in injuries to personnel or damages.

⚡ – Stock Items.



**Each Kit Contains:**

- 1 Tube Connector
- 1 Mounting Plug
- 2 Level Stations (Switch, Tube, Float)
- 2 Extension Tubes
- 1 Tube End Fitting
- 3 Tube Unions