

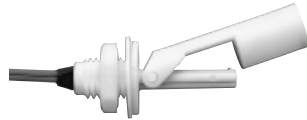
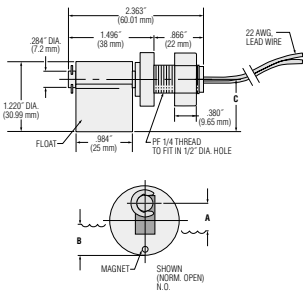
# Single Point Level Switches LS-6/LS-7

## Small Size - Engineered Plastics, Side Mount

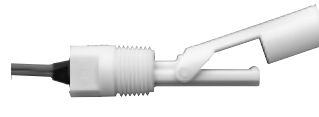
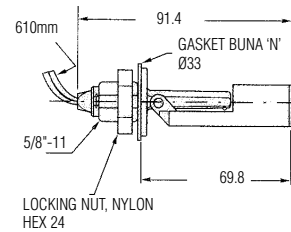
LS-7 Series - Compact side mounts are the solution to many small tanks. These low-cost units are ideal for high volume use in small tanks and vessels. Engineered plastics construction offers broad compatibility in water, oils and chemicals. The high temperature capability of Versaplast offers an alternative to high cost stainless steel switches.



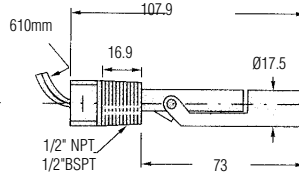
**LS-6**  
Horizontal Mounting through a 1/2" diameter hole in the tank wall



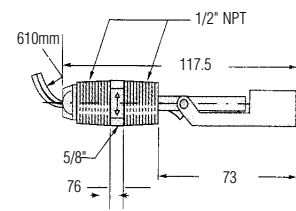
**LS-7 Type 3**  
Internal Mounting



**Type 5**  
External Mounting



**Type 7**  
External Mounting



## Specifications

	LS-6	LS-7 Type 3	Type 5	Type 7
<b>Materials</b>				
<b>Stem/mounting</b>	Polypropylene**	Versaplast Polypropylene** Nylon*	Versaplast Polypropylene** Nylon*	Versaplast Polypropylene** Nylon*
<b>Float option</b>	Polypropylene**		Stainless Steel	
<b>Lead wire jacket</b>	TPE***	TPE***	TPE***	TPE***
<b>Min. specific gravity of the liquid</b>	Versaplast PP Nylon	0.90	0.80 0.55 0.65	0.80 0.55 0.65
<b>Operating temperature -40°C to</b>	Versaplast PP Nylon	107°C	121°C**** 107°C 121°C	150°C 107°C 121°C
<b>Operating pressure Max @ 25°C</b>	7 bar	7 bar	7 bar	7 bar
<b>Switch SPST</b>	SPST, 50 VA	20 VA	20 VA	20 VA
<b>Lead wire gauge (Approx 0.6m long)</b>	22 AWG	22 AWG	22 AWG (18 AWG Nylon)	18 AWG
<b>Float arc</b>	23mm	55mm	32mm	38mm
<b>Protection rating</b>	IP65	IP65	IP65	IP65
<b>Weight approx.</b>	30g	80g	60g	70g

\* Not suitable for long term use in water.

\*\* Not suitable for Hydrocarbons

\*\*\* Thermoplastic Elastomer Zip Cord

\*\*\*\* Limited by gasket to 121°C

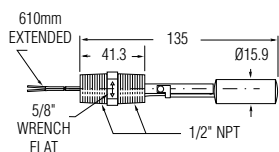
Versaplast (Ryton [80%] + Nylon [20%]) is suitable for both water and Hydrocarbons

## How To Order

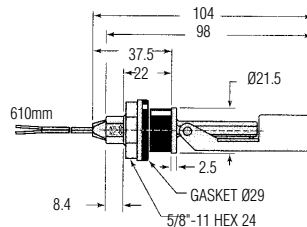
	LS-6	LS-7 Type 3	Type 5 NPT	R1/2 (BSPT)	Type 7 NPT
Polypropylene Float	203740	<b>164520</b>	131100	<b>189423</b>	160450
Nylon Float	-	<b>165570</b>	140620	<b>189421</b>	160460
Versaplast Float	-	<b>182600</b>	177100	<b>189422</b>	188800
Stainless Steel Float	-	-	181625	-	-



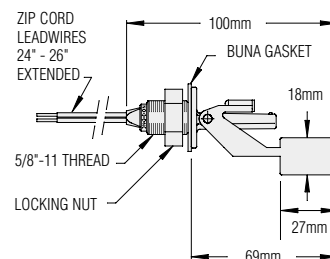
**Type 9**  
External Mounting



**Type 10**  
External Mounting  
Mounts and seals through non-threaded hole Ø22 using an HNBR compression gasket. Wall thickness 0.5 to 4mm



**Type 12**  
External Mounting (NC only)



Specifications

	Type 9	Type 10	Type 12
<b>Materials</b>			
<b>Stem/mounting</b>	316 Stainless Steel	Versaplast Polypropylene** Nylon*	Noryl** 27mm
<b>Float option</b>	316 Stainless Steel/Nylon*/Polypropylene**		
<b>Lead wire jacket</b>	TPE***	TPE***	TPE***
<b>Min. specific gravity of the liquid</b>	0.80 Stainless Steel 0.65 Nylon 0.55 PP	0.80 Versaplast 0.55 PP 0.65 Nylon	0.80 Noryl
<b>Operating temperature -40°C to</b>	150°C Stainless Steel 121°C Nylon 107°C PP	121°C **** Versaplast 107°C PP 121°C Nylon	107°C
<b>Operating pressure Max @ 25°C</b>	20 bar Stainless Steel 7 bar Nylon / PP	3.5 bar	7 bar
<b>Switch SPST</b>	20 VA	20 VA	20 VA
<b>Lead wire gauge (Approx 0.6m long)</b>	18 AWG	22 AWG	22 AWG
<b>Float arc</b>	36mm	53mm	18mm
<b>Protection rating</b>	IP65	IP65	IP65
<b>Weight approx.</b>	150g	90g	70g

\* Not suitable for long term use in water.  
 \*\* Not suitable for Hydrocarbons  
 \*\*\* Thermoplastic Elastomer Zip Cord  
 \*\*\*\* Limited by gasket to 121°C  
 Versaplast (Ryton [80%] + Nylon [20%]) is suitable for both water and Hydrocarbons

How To Order

	Type 9	Type 10	Type 12
Nylon Float	164850	<b>165900</b>	
Polypropylene Float	164860	<b>165800</b>	–
Stainless Steel Float	164870	–	–
Noryl Float	–	–	191080
Versaplast Float	–	<b>182700</b>	–

Standard Products in **bold**