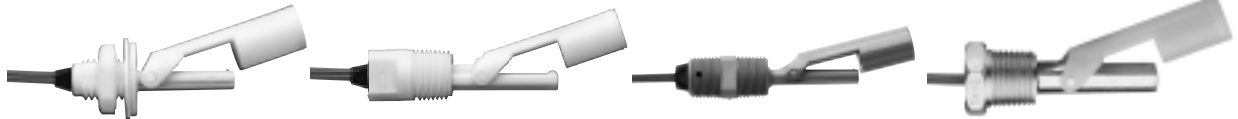


Single Point Level Switches LS-7

SINGLE POINT

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.

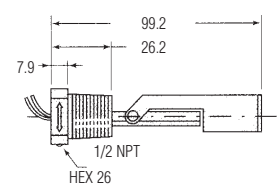
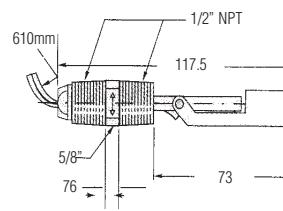
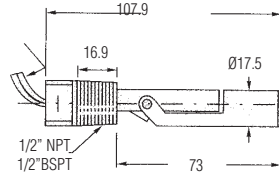
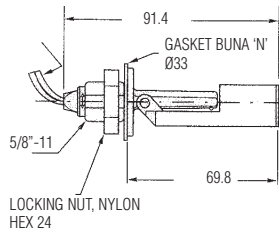


Type 3
Internal Mounting

Type 5
External Mounting

Type 7
External Mounting

Type 8
External Mounting



Specifications

	Type 3	Type 5	Type 7	Type 8
Materials				
Stem/mounting	Versaplast Polypropylene**	Versaplast Polypropylene**	Polypropylene**	Zinc
Float option	Nylon*	Nylon* Stainless Steel	Nylon*	Nylon*/Polypropylene**
Lead wire jacket	TPE***	PVC	TPE***	TPE***
Min. specific gravity of the liquid	Versaplast 0.80 PP 0.55 Nylon 0.65	0.80 0.55 0.65	0.55 0.65	0.65 Nylon 0.55 PP
Operating temperature -40°C to	Versaplast 121°C PP 107°C Nylon 121°C	121°C 107°C 121°C	107°C 121°C	120°C Nylon 107° PP
Operating pressure Max @ 25°C	7 bar	7 bar	7 bar	7 bar Nylon 10 bar PP
Switch SPST	20 VA	20 VA	20 VA	20 VA
Lead wire gauge (Approx 0.6m long)	22 AWG	22 AWG (18 AWG Nylon)	18 AWG	22 AWG
Float arc	55mm	32mm	38mm	36mm
Protection rating	IP64	IP64	IP65	IP65
Weight approx.	80g	60g	70g	150g

* Not suitable for long term use in water.

** Not suitable for Hydrocarbons

*** Thermoplastic Elastomer Zip Cord

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

How To Order

	Type 3	Type 5	NPT	R1/2 (BSPT)	Type 7	NPT	Type 8
Polypropylene Float	164520	131100	189423		160450		162795
Nylon Float	165570	140620	189421		160460		—
Versaplast Float	182600	177100	189422		—		—
Stainless Steel Float	—	181625	NA		—		—

Standard Products in **bold**



APPLICATIONS
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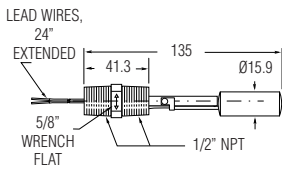
LEVEL
SWITCHES

LEVEL
SWITCHES

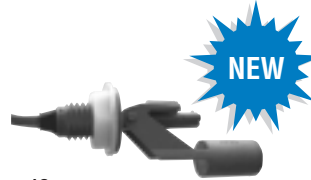
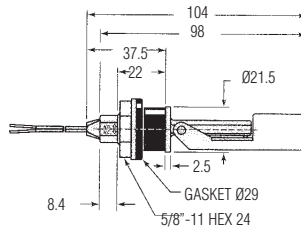
LEVEL SWITCHES



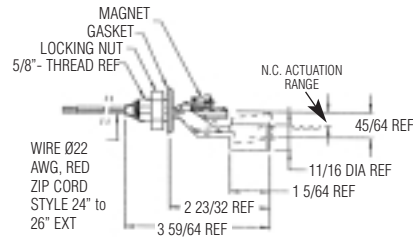
Type 9
External Mounting



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
Materials			
Stem/mounting	316 Stainless Steel	Versaplast Polypropylene**	Noryl**
Float option	316 Stainless Steel/Nylon*/Polypropylene**	Nylon*	Noryl**
Lead wire jacket	TPE***	TPE***	TPE***
Min. specific gravity of the liquid	0.80 Stainless Steel 0.65 Nylon 0.55 PP	0.80 0.55 0.65	0.8l
Operating temperature -40°C to	149°C Stainless Steel 121°C Nylon 107°C PP	121°C 107°C 121°C	107°C
Operating pressure Max @ 25°C	20 bar Stainless Steel 7 bar Nylon / PP	3.5 bar	7 bar
Switch SPST	20 VA	20 VA	20 VA
Lead wire gauge (Approx 0.6m long)	18 AWG	22 AWG	22 AWG
Float arc	36mm	53mm	18mm
Protection rating	IP65	IP65	IP65
Weight approx.	150g	90g	70g

* Not suitable for long term use in water.

** Not suitable for Hydrocarbons

*** Thermoplastic Elastomer Zip Cord

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

How To Order

	Type 9	Type 10	Type 12
Nylon Float	164850	165900	155660
Polysulfone Float	–	–	155680
Polypropylene Float	164860	165800	–
Stainless Steel Float	164870	–	–
Noryl Float	–	–	191080
Versaplast Float	–	182700	–

Standard Products in **bold**