

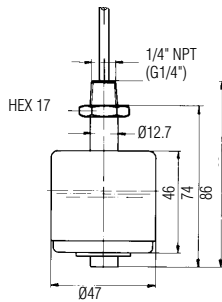
# Single level switches LS-1900, LS-1900T, LS-1950E, LS-74780

SINGLE POINT

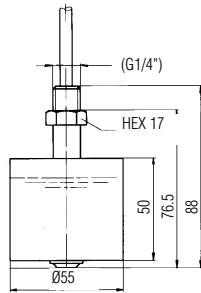
LEVEL SWITCHES



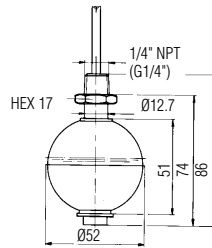
**LS-1900**  
With large float displacement, switch withstands rough service; is suitable for high viscosity liquids.



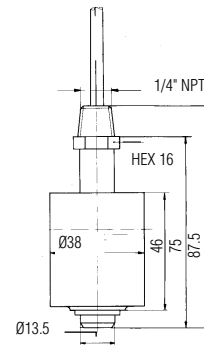
**LS-1900T**  
Resists build-up of foreign material or sticky media. Float travel remains uninhibited in viscous or corrosive liquids.



**LS-1950E**  
Exceptionally accurate and rugged for higher temperatures and in pressurised or corrosive liquids. For oils, water and chemicals.



**LS-74780**  
Particularly well suited for rough service. Ideal for use in chemical and plating applications.



## Specifications

	LS-1900	LS-1900T	LS-1950	LS-74780
<b>Materials</b>				
<b>Stem</b>	Brass or S Steel	PTFE	S Steel	CPVC
<b>Float</b>	Buna N	PTFE	S Steel	CPVC
<b>Operating pressure</b>	10 bar	3 bar	30 bar	1 bar
<b>Temperature: -40°C to</b> (Note: PVC cable Limited to +80°C Ambient)	+80 °C Water +110°C Oil	+150°C	+150°C  Hi-temp. version - Fly lead: +200°C	+80°C
<b>Depth of immersion at a density of 1</b>	~19 mm	~ 34 mm	~ 30 mm	~ 28 mm
<b>Min. specific gravity of the liquid</b>	0.55 g/cm3	0.80 g/cm3	0.75 g/cm3	0.85 g/cm3
<b>Type of reed switch</b>	SPST 100 VA; SPDT 20 VA	SPST 100 VA; SPDT 20 VA	SPST 100 VA; SPDT 20 VA	SPST 20 VA
<b>Electrical connection (Length approx. 1m)</b>	Fly lead: AWG 20 FEP Cable: 0.34mm <sup>2</sup> PVC	Fly lead: AWG 20 FEP Cable: 0.5mm <sup>2</sup> silicone Cable: 0.34mm <sup>2</sup> PVC Hi-temp. version - AWG 18 PTFE	Fly lead: AWG 20 FEP Cable: 0.5mm <sup>2</sup> silicone*	Fly lead: AWG 18 PVC (Length appr. 0.6m)
<b>Mounting thread</b>	1/4" NPT*; -G 1/4	G 1/4	G 1/4	1/4" NPT
<b>Protection rating</b>	IP64	IP64 Hi-temp IP60	IP64	IP64
<b>Weight approx.</b>	110 g	120g	125g	65g

## How to Order

Stem, Float, Mounting Electrical Connection	LS-1900	LS-1900T	LS-1950E	LS-74780
Brass/Buna, NPT, cable	010-2934 NO/NC	010-2936 SPDT		
Brass/Buna, NPT, leads	013-5676 NO/NC	010-2575 SPDT		
Brass/Buna, G, cable	<b>011-1900</b> NO/NC			
SSteel/Buna, NPT, cable	010-2935 NO/NC	010-2937 SPDT		
SSteel/Buna, NPT, leads	013-5682 NO/NC	010-2576 SPDT		
SSteel/SSteel, G, cable PVC			<b>011-1950</b> NO/NC	
SSteel/SSteel, G, leads			<b>014-1254</b> NO/NC	010-3109 SPDT
SSteel/SSteel, G, cable Silicon			010-3457 NO/NC	010-3089 SPDT
SSteel/SSteel, NPT, leads, Hi-Temp			013-6186 NO/NC	
SSteel/SSteel, G, leads, Hi-Temp			010-0391 NO/NC	
SSteel/SSteel, NPT, cable Silicon			010-2942 NO/NC	010-2943 SPDT
SSteel/SSteel, NPT, leads			012-6717 NO/NC	012-3498 SPDT
PTFE/PTFE, G, cable		010-2697 NO	010-2866 NC	
PTFE/PTFE, G, leads		010-3451 NO	010-3450 NC	
PTFE/PTFE, G, cable		010-3054 SPDT		
PTFE/PTFE, G, leads		010-3452 SPDT		
CPVC/CPVC, NPT, leads				<b>74780</b> NO/NC

Standard Products in **bold**