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

LS-1900

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

LS-1900T

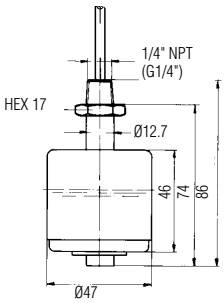
Resists build-up of foreign material or sticky media. Float travel remains uninhibited in viscous or corrosive liquids.

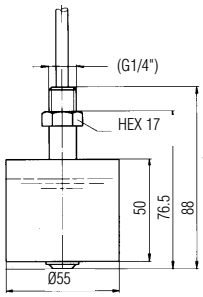
LS-1950E

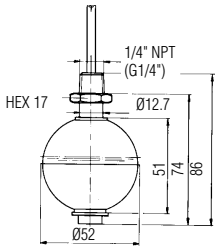
Exceptionally accurate and rugged for higher temperatures and in pressurised or corrosive liquids. For oils, water and chemicals.

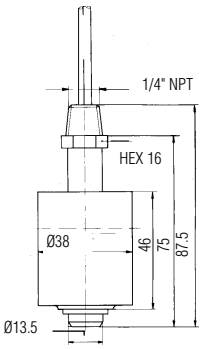
LS-74780

Particularly well suited for rough service. Ideal for use in chemical and plating applications.









Specifications

	LS-1900	LS-1900T	LS-1950	LS-74780
Materials				
Stem	Brass or S Steel	PTFE	S Steel	CPVC
Float	Buna N	PTFE	S Steel	CPVC
Operating pressure	10 bar	3 bar	30 bar	1 bar
Temperature: -40°C to (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
Depth of immersion at a density of 1	~19 mm	~ 34 mm	~ 30 mm	~ 28 mm
Min. specific gravity of the liquid	0.55 g/cm3	0.80 g/cm3	0.75 g/cm3	0.85 g/cm3
Type of reed switch	SPST 100 VA; SPDT 20 VA	SPST 100 VA; SPDT 20 VA	SPST 100 VA; SPDT 20 VA	SPST 20 VA
Electrical connection (Length approx. 1m)	Fly lead: AWG 20 FEP Cable: 0.34mm2 PVC	Fly lead: AWG 20 FEP Cable: 0.5mm2 silicone Cable: 0.34mm2 PVC Hi-temp. version - AWG 18 PTFE	Fly lead: AWG 20 FEP Cable: 0.5mm2 silicone*	Fly lead: AWG 18 PVC (Length appr. 0.6m)
Mounting thread	1/4" NPT*; -G 1/4	G 1/4	G 1/4	1/4" NPT
Protection rating	IP64	IP64 Hi-temp IP60	IP64	IP64
Weight approx.	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	**011-1900** 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			**011-1950** NO/NC	
SSteel/SSteel, G, leads			**014-1254** 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				**74780** NO/NC

Standard Products in **bold**