

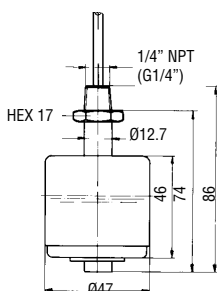
Single level switches LS-1900, LS-1900T, LS-1950E, LS-74780



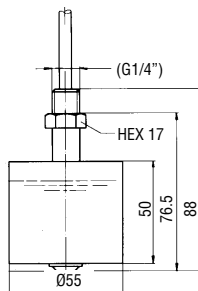
RS Stock no.	Gems Part no.
3957050	011-1900
3957072	010-3457
3957088	010-3089
3959343	011-1950
3957094	010-0391


LS-1900

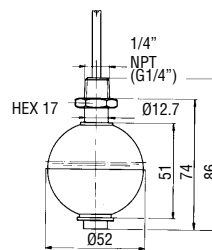
With large float displacement, switch withstands rough service; is suitable for high viscosity liquids.


LS-1900T

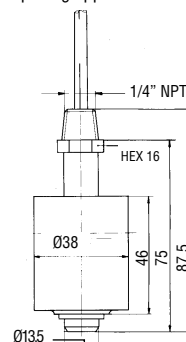
Resists build-up of foreign material or sticky media. Float travel remains uninhibited in viscous or corrosive liquids.


LS-1950E

Exceptionally accurate and rugged for higher temperatures and in pressurized 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 +80°C Water 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/cm ³	0.80 g/cm ³	0.75 g/cm ³	0.85 g/cm ³
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: 0.34mm ² PVC	Fly lead: AWG 20 FEP Cable: 0.5mm ² silicone	Fly lead: AWG 20 FEP Cable: 0.5mm ² silicone* Cable: 0.34mm ² PVC Hi-temp. version - AWG 18 PTFE	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	IP64 Hi-temp IP60	IP64
Weight approx.	110 g	120g	125g	65g

Order data

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			
S Steel/Buna, NPT, cable	010-2935 NO/NC 010-2937 SPDT			
S Steel/Buna, NPT, leads	013-5682 NO/NC 010-2576 SPDT			
S Steel/S Steel, G, cable PVC			011-1950 NO/NC	
S Steel/S Steel, G, leads			014-1254 NO/NC 010-3109 SPDT	
S Steel/S Steel, G, cable Silicon			010-3457 NO/NC 010-3089 SPDT	
S Steel/S Steel, NPT, leads, Hi-Temp			013-6186 NO/NC	
S Steel/S Steel, G, leads, Hi-Temp			010-0391 NO/NC	
S Steel/S Steel, NPT, cable Silicon			010-2942 NO/NC 010-2943 SPDT	
S Steel/S Steel/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