

# Indicating Low Range Pr. Switches

**MODEL : ILPS**

## Features

- Suitable for low pressure application
- Combination of indication and switching
- Single or double Contacts available
- Switch setting throughout the range externally



## Specifications

<b>Dial</b>	150mm, Aluminium, black marking on white background
<b>Case</b>	SS304 / SS316 with bayonet bezel
<b>Protection</b>	IP-68 (IS:13947 part I / IEC:60529)
<b>Window</b>	Safety glass
<b>Movement</b>	SS304/ SS316
<b>Top Chamber</b>	SS304/ SS316
<b>Diaphragm</b>	SS316/ SS316L/ SS316+PTFE (other material on request)
<b>Bottom flange</b>	SS316/ SS316L/ SS316+PTFE (other material on request)
<b>Connection</b>	1/2" NPT(M) as standard or flanged (specify size & rating)
<b>Range</b>	Refer table
<b>Accuracy</b>	±2% FSD for indication ±3% FSD for switching
<b>Over range</b>	As per EN-837
<b>Zero adjustment</b>	Micrometer Pointer
<b>Blow out disc</b>	Provided
<b>Contacts</b>	1SPST (single Electrical Contact) normally open, closing on rise in pressure or vice versa, rated 30VA @ 230V AC  2 SPST (two Electrical Contacts), independently adjustable, one normally open, other normally closed or both normally open or both normally closed, rated 30VA @ 230V AC

### Option

Special Construction to withstand high design pressure (Built-In Gauge Saver)  
Relay to suit current rating of 5A @ 230V AC

### Note

Indicating Low Range Pressure switches are available with Electrical Contacts & Weatherproof enclosure only

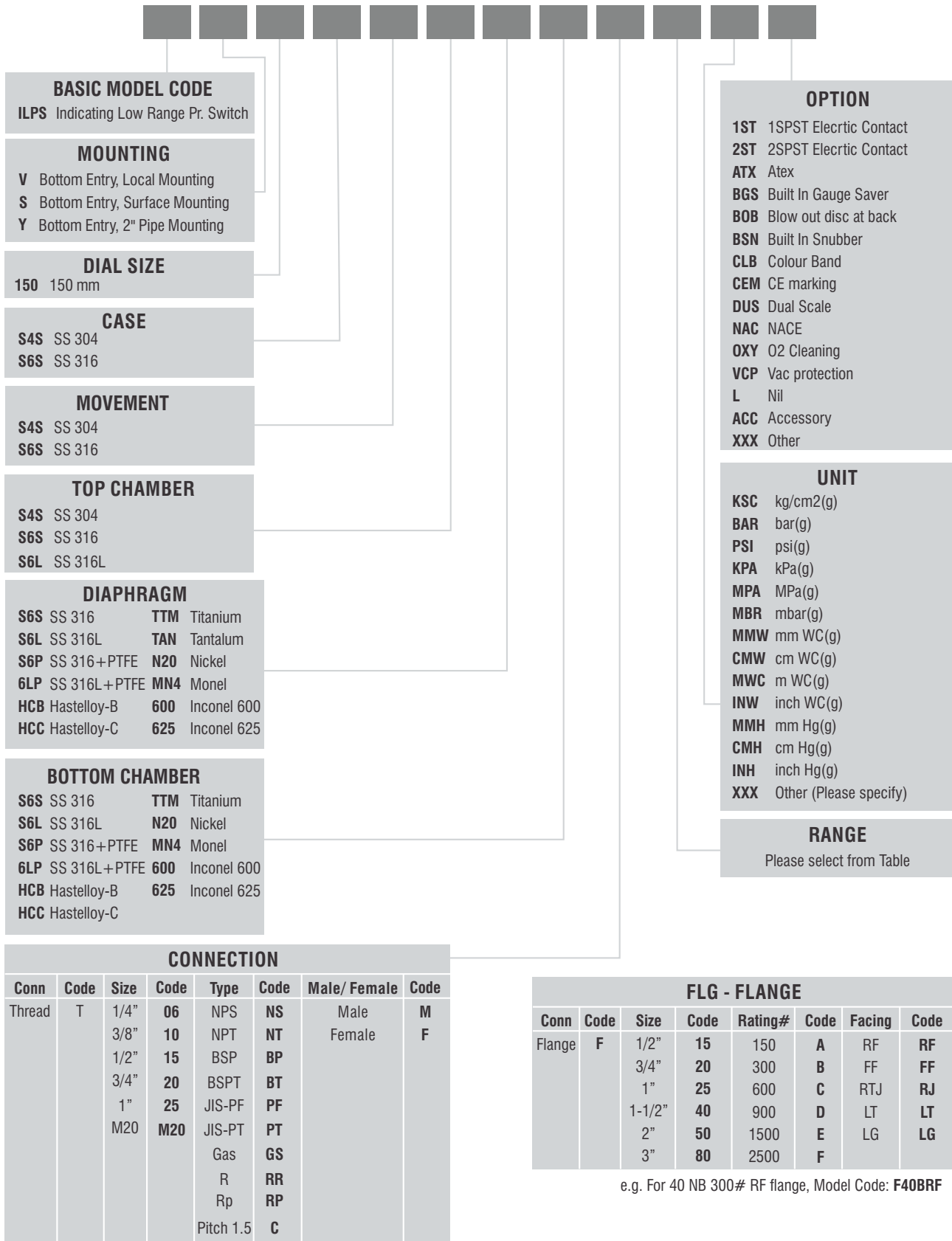
## Ranges

Range
0-250 mm WC
0-400 mm WC
0-600 mm WC
0-1000 mm WC
0-1600 mm WC
0-2500 mm WC
0-4000 mm WC
0-6000 mm WC
0-10000 mm WC / 0-1kg/cm <sup>2</sup> (g)
0-16000 mm WC / 0-1.6kg/cm <sup>2</sup> (g)

For range other than above please contact our design dept.

# Ordering Information

## MODEL



### BASIC MODEL CODE

**ILPS** Indicating Low Range Pr. Switch

### MOUNTING

**V** Bottom Entry, Local Mounting  
**S** Bottom Entry, Surface Mounting  
**Y** Bottom Entry, 2" Pipe Mounting

### DIAL SIZE

**150** 150 mm

### CASE

**S4S** SS 304  
**S6S** SS 316

### MOVEMENT

**S4S** SS 304  
**S6S** SS 316

### TOP CHAMBER

**S4S** SS 304  
**S6S** SS 316  
**S6L** SS 316L

### DIAPHRAGM

<b>S6S</b> SS 316	<b>TTM</b> Titanium
<b>S6L</b> SS 316L	<b>TAN</b> Tantalum
<b>S6P</b> SS 316+PTFE	<b>N20</b> Nickel
<b>6LP</b> SS 316L+PTFE	<b>MN4</b> Monel
<b>HCB</b> Hastelloy-B	<b>600</b> Inconel 600
<b>HCC</b> Hastelloy-C	<b>625</b> Inconel 625

### BOTTOM CHAMBER

<b>S6S</b> SS 316	<b>TTM</b> Titanium
<b>S6L</b> SS 316L	<b>N20</b> Nickel
<b>S6P</b> SS 316+PTFE	<b>MN4</b> Monel
<b>6LP</b> SS 316L+PTFE	<b>600</b> Inconel 600
<b>HCB</b> Hastelloy-B	<b>625</b> Inconel 625
<b>HCC</b> Hastelloy-C	

### OPTION

**1ST** 1SPST Electric Contact  
**2ST** 2SPST Electric Contact  
**ATX** Atex  
**BGS** Built In Gauge Saver  
**BOB** Blow out disc at back  
**BSN** Built In Snubber  
**CLB** Colour Band  
**CEM** CE marking  
**DUS** Dual Scale  
**NAC** NACE  
**OXY** O2 Cleaning  
**VCP** Vac protection  
**L** Nil  
**ACC** Accessory  
**XXX** Other

### UNIT

**KSC** kg/cm2(g)  
**BAR** bar(g)  
**PSI** psi(g)  
**KPA** kPa(g)  
**MPA** MPa(g)  
**MBR** mbar(g)  
**MMW** mm WC(g)  
**CMW** cm WC(g)  
**MWC** m WC(g)  
**INW** inch WC(g)  
**MMH** mm Hg(g)  
**CMH** cm Hg(g)  
**INH** inch Hg(g)  
**XXX** Other (Please specify)

### RANGE

Please select from Table

### CONNECTION

Conn	Code	Size	Code	Type	Code	Male/ Female	Code	
Thread	T	1/4"	<b>06</b>	NPS	<b>NS</b>	Male	<b>M</b>	
		3/8"	<b>10</b>	NPT	<b>NT</b>	Female	<b>F</b>	
	M20	<b>M20</b>	1/2"	<b>15</b>	BSP	<b>BP</b>		
			3/4"	<b>20</b>	BSPT	<b>BT</b>		
			1"	<b>25</b>	JIS-PF	<b>PF</b>		
					JIS-PT	<b>PT</b>		
					Gas	<b>GS</b>		
					R	<b>RR</b>		
					Rp	<b>RP</b>		
					Pitch 1.5	<b>C</b>		

### FLG - FLANGE

Conn	Code	Size	Code	Rating#	Code	Facing	Code
Flange	<b>F</b>	1/2"	<b>15</b>	150	<b>A</b>	RF	<b>RF</b>
		3/4"	<b>20</b>	300	<b>B</b>	FF	<b>FF</b>
		1"	<b>25</b>	600	<b>C</b>	RTJ	<b>RJ</b>
		1-1/2"	<b>40</b>	900	<b>D</b>	LT	<b>LT</b>
		2"	<b>50</b>	1500	<b>E</b>	LG	<b>LG</b>
		3"	<b>80</b>	2500	<b>F</b>		

e.g. For 40 NB 300# RF flange, Model Code: **F40BRF**

e.g. For 1/2"NPT(M), Code: **T15NTM**  
 For M20x1.5 (F), Code: **TM20CF**

Sample model Code: **ILPS-V-150-S4S-S4S-S4S-S6L-S6L-T15NTM-(0-2500)-MMW-2ST**