

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

Dial	150mm, Aluminium, black marking on white background
Case	SS304 / SS316 with bayonet bezel
Protection	IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass
Movement	SS304/ SS316
Top Chamber	SS304/ SS316
Diaphragm	SS316/ SS316L/ SS316+PTFE (other material on request)
Bottom flange	SS316/ SS316L/ SS316+PTFE (other material on request)
Connection	1/2" NPT(M) as standard or flanged (specify size & rating)
Range	Refer table
Accuracy	±2% FSD for indication ±3% FSD for switching
Over range	As per EN-837
Zero adjustment	Micrometer Pointer
Blow out disc	Provided
Contacts	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

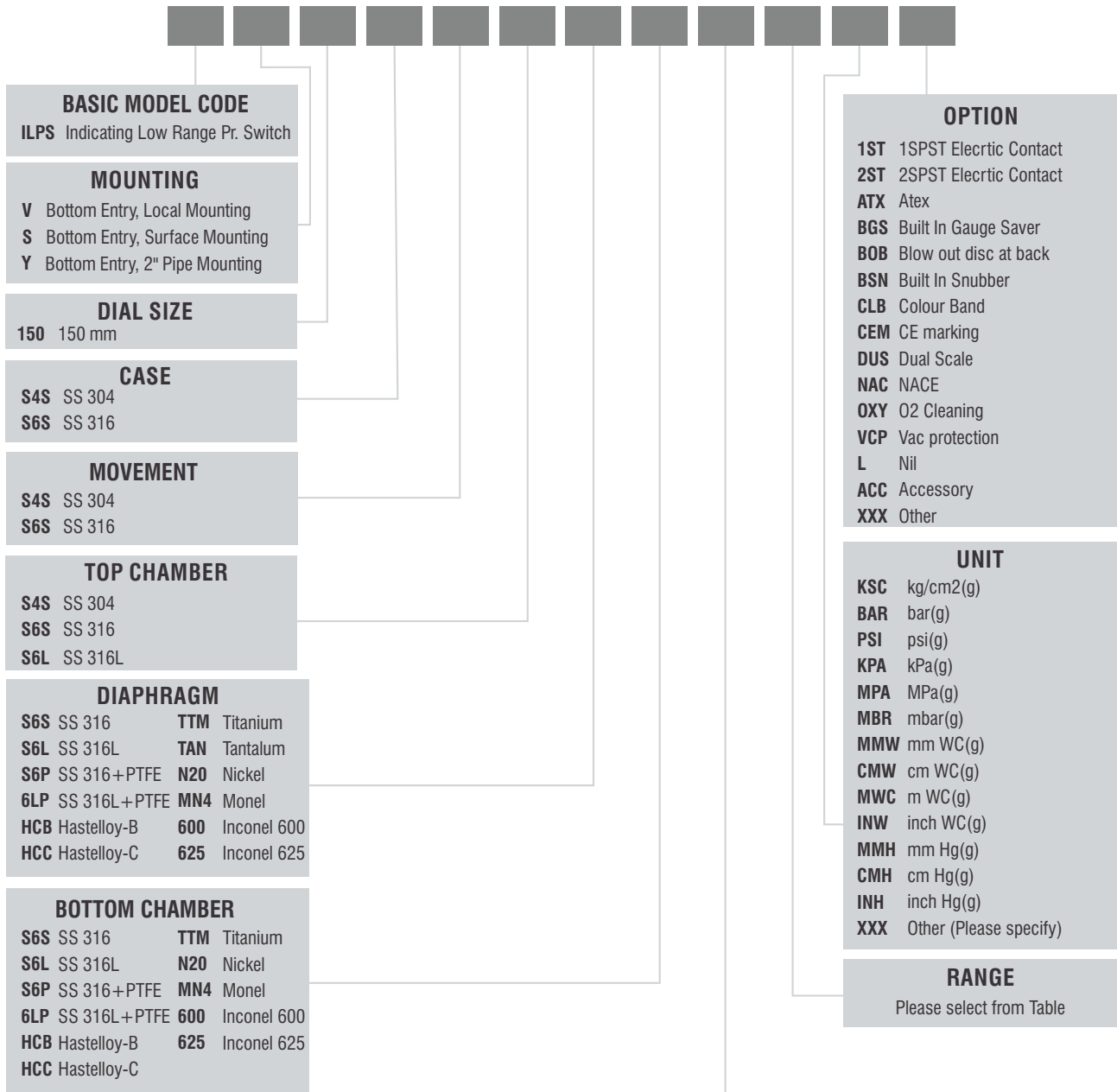
Ranges

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 ² (g)
0-16000 mm WC / 0-1.6kg/cm ² (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
S6S SS 316 **TTM** Titanium
S6L SS 316L **TAN** Tantalum
S6P SS 316+PTFE **N20** Nickel
6LP SS 316L+PTFE **MN4** Monel
HCB Hastelloy-B **600** Inconel 600
HCC Hastelloy-C **625** Inconel 625

BOTTOM CHAMBER
S6S SS 316 **TTM** Titanium
S6L SS 316L **N20** Nickel
S6P SS 316+PTFE **MN4** Monel
6LP SS 316L+PTFE **600** Inconel 600
HCB Hastelloy-B **625** Inconel 625
HCC 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"	06	NPS	NS	Male	M	
		3/8"	10	NPT	NT	Female	F	
	M20	M20	1/2"	15	BSP	BP		
			3/4"	20	BSPT	BT		
			1"	25	JIS-PF	PF		
					JIS-PT	PT		
					Gas	GS		
					R	RR		
					Rp	RP		
					Pitch 1.5	C		

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

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**