Model: IPSH (Dry Case)

LFIPSH (Liquid Filled Case)

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Features

- Combination of indication and switching
- Choice of electrical contacts and microswitch
- One or two contacts available
- Switch setting throughout the range externally
- High repeatability and low hysteresis
- Weatherproof or Flameproof housing
- Mil connector provided optionally.



Specifications Ranges

Dial	100mm / 150mm, aluminium, white background, black markings	Gauge	bar, kg/cm2	Least count
Case	SS 304 / SS 316 with bayonet bezel (Weatherproof)	Compound	(-)1 to 3	0.10
Drataation	Die Cast Aluminium (Flameproof) Weatherproof to IP - 68 (IS:13947 part I / IEC:60529)		(-) 1 to 5	0.10
Protection	Flameproof to IIA, IIB (equivalent to NEC Cl. 1, Div. 2, Gr. C & D)		(-)1 to 9	0.20
Window	Safety glass		(-)1 to 15	0.50
Bourdon	SS316, SS316 Ti, SS316L, Monel		(-)1 to 24	0.50
Socket	22 mm Square in SS316, SS316L, SS316 Ti, Monel Brass / SS304 / SS316		(-)1 to 39	1.0
Movement		Pressure	0 to 4	0.10
Connection	1/2" NPT (M) as standard (other optional)	Gauge	0 to 6	0.10
Range	Upto 1600 kg /cm2 with minimum span of 4 kg/cm2	('C' shaped	0 to 10	0.20
	as shown in the Table	Bourdon)	0 to 16	0.50
Accuracy	±1% FSD for indication ±2% FSD for switching		0 to 25	0.50
Over range Blow out disc	As per EN 837		0 to 40	1.0
Zero reset	Provided Provided (Micrometer Pointer)		0 to 60	1.0
Temperature suitability	Ambient (-)20°C to 60°C, Media 100°C	Pressure	0 to 100	2.0
Temperature Effect	Within $\pm 0.4\%$ FSD/10°C, when temperature changes from	Gauge	0 to 160	5.0
	reference temperature of 20°C (as per EN-837 standard)	Coil type	0 to 250	5.0
Contacts	1SPST, single, normally open, closing on rise in pressure or	Bourdon	0 to 400	10.0
	vice versa, rated 30VA @ 230V AC		0 to 600	10.0
	2 SPST, two contacts, independently adjustable, one normally		0 to 800	20.0
	open, other normally closed or both normally open or both		0 to 1000	20.0
	normally closed, rated 30VA @ 230V AC		0 to 1600	50.0
	1SPDT, single microswitch, adjustable over entire range,	For range other than above please contact our design dept.		

For range other than above please contact our design dept.

Benefits of Microswitch type over Electrical Contact assembly

Microswitch is rated 5 amp @ 230 VAC (3A @ 28 VDC).
 Hence use of relay is not required

AC, separately mounted.

rated 5 amp @ 230V AC (3A @ 28 VDC)

2SPDT, double microswitch, independently adjustable over entire range, rated 5 amp @ 230V AC (3A @ 28 VDC)

Relay for the contact assembly to suit 5 amp @ 230V

- Microswitch offered as a combination of movement and switch is procured from Internationally reputed vendor.
- Microswitch assembly provides better switching accuracy and repeatability
- Compact design.

Optional

Notes

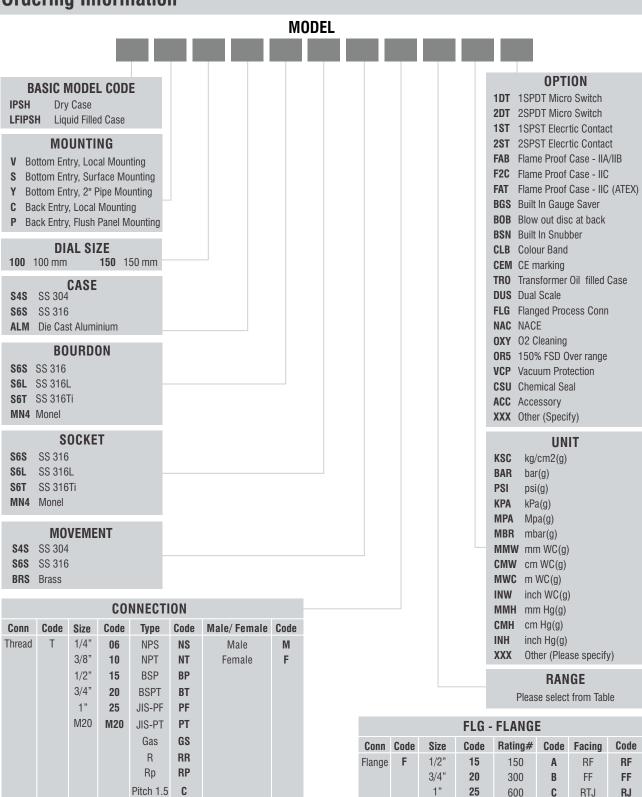
- 1) Electrical contact assembly is not offered in flameproof version.
- 2) Flameproof version available only in Die cast aluminium case.
- 3) Flameproof version available with bottom entry surface mounting only
- 4) Pressure switch can also be offered with chemical seal in weatherproof and flameproof cases.
- 5) Surface mounted flameproof housing with chemical seal pressure gauge is available with capillary.
- 6) Blow out disc not applicable for flameproof case

Indicating Pressure Switches

Model: **IPSH** (Dry Case)

LFIPSH (Liquid Filled Case)

Ordering Information



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

900

1500

2500

n

Ε

F

LT

LG

LT

LG

1-1/2

2"

40

50

80

e.g. For 1/2"NPT(M), Code: T15NTM

For M20x1.5 (F), Code: TM20CF