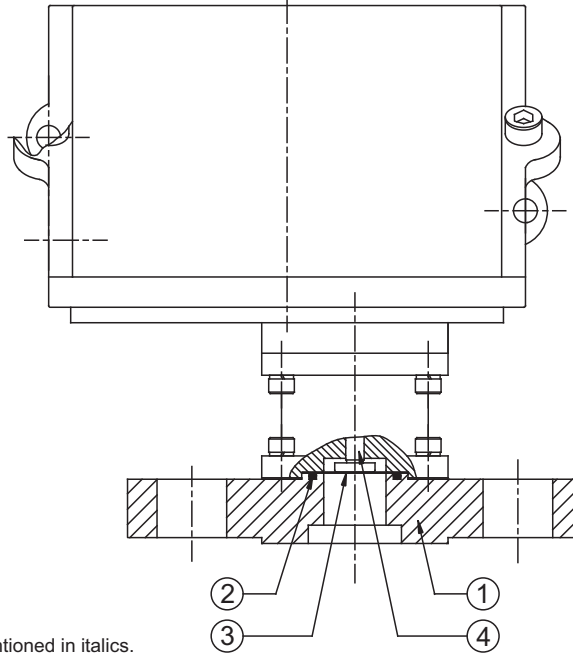




MT



PRESSURE CAPSULE DETAILS



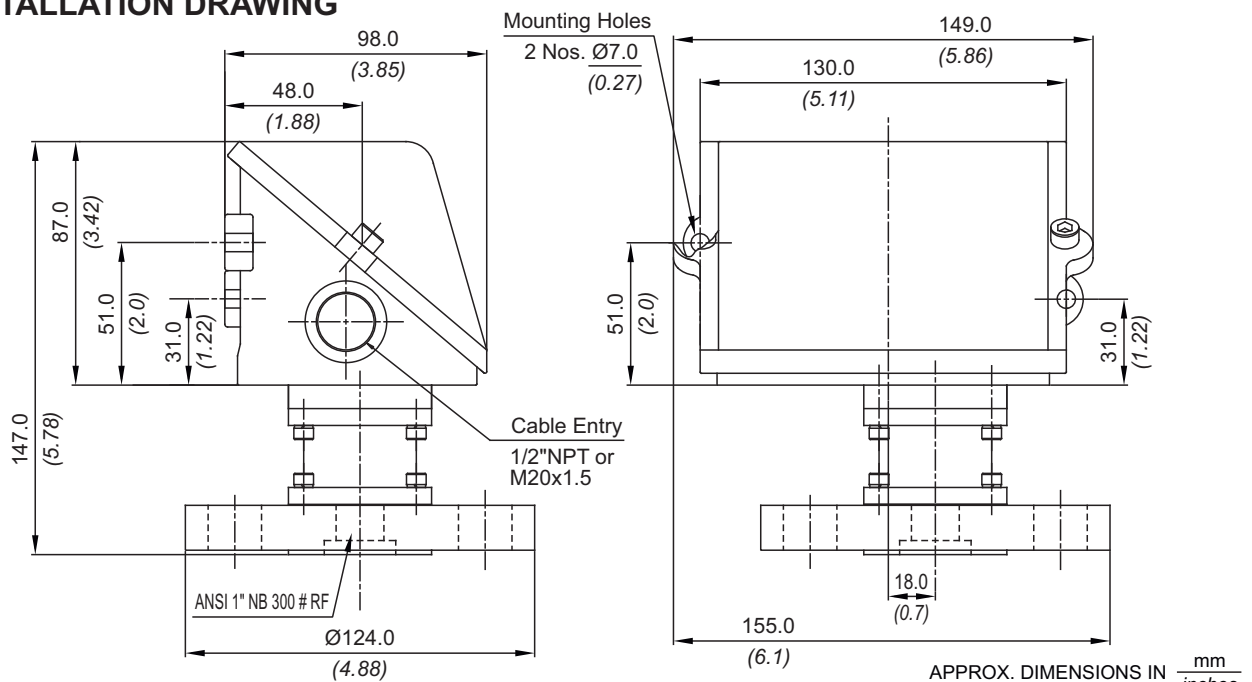
No. Description

1. *ANSI 300 RF Flange (SS 316)*
2. *O-Ring (PTFE®)*
3. *Diaphragm (SS)*
4. *Plunger (SS)*

Note : *wetted parts* are mentioned in italics.

*Pressure ports are brazed with flange

INSTALLATION DRAWING



MD/MT FLANGED PRESSURE SWITCHES

RANGE SELECTION TABLE

Range Code	Range bar (psi)	Differential* bar (psi)	Maximum Working Pressure bar (psi)
		Approximate Maximum for "A1" microswitch	
H01	0.1 - 1.0 (1.45 - 14.50)	0.10 (1.45)	As per the class of flange Please consult Sales Office in case you need clarification on availability of maximum working pressure for a particular range.
H02	0.1 - 1.5 (1.45 - 21.76)	0.12 (1.74)	
H03	0.2 - 2.6 (2.90 - 37.71)	0.15 (2.17)	
H04	0.2 - 3.6 (2.90 - 52.21)	0.20 (2.90)	
H07	0.5 - 7.0 (7.25 - 101.50)	0.40 (5.80)	
H10	0.5 - 10.0 (7.25 - 145.04)	0.80 (11.60)	
H15	1.0 - 15.0 (14.50 - 217.56)	1.00 (14.15)	
H30	5.0 - 25.0 (72.52 - 362.6)	2.00 (29.00)	
H4T	5 - 40 (72.52 - 580.15)	5.00 (72.52)	
H1H	10 - 100 (145.04 - 1450.38)	12.00 (174.05)	
H2H	10 - 200 (145.038 - 2900.76)	24.00 (348.09)	
H4H	40 - 400 (580.15 - 5801.52)	70 (1015.27)	

* Minimum differential increases with setpoint (Graphs available on request)

* Differentials of miroswitches A2 through A9 will vary. Differentials for A7 are typically twice that for A1 microswitch. Please indicate specifically the differential value in enquiry/order, when it is critical in your application.

FLANGE CODE TABLE (Please refer page no. 288 & 289 for more options)

	SS316L		Hastelloy C276		Monel		Titanium		Tantalum	
	RF*	FF*	RF*	FF*	RF*	FF*	RF*	FF*	RF*	FF*
150 #										
1" NB	AC	BS	DI	EY	GO	IE	JU	LK	NA	OQ
2" NB	AF	BV	DL	FB	GR	IH	JX	LN	ND	OT
300#										
1" NB	AI	BY	DO	FE	GU	IK	KA	LQ	NG	OW
2" NB	AL	CB	DR	FH	GX	IN	KD	LT	NJ	OZ
2500#										
1" NB	BM	DC	ES	GI	HY	JO	LE	MU	OK	QA
2" NB	BP	DF	EV	GL	IB	JR	LH	MX	ON	QD

RANGE AVAILABILITY AS PER BORE SIZES

	H01 to H04	H07	H10	H15	H30	H2T to H2H
1" NB	NA	Yes	Yes	Yes	Yes	Yes
2" NB	Yes	Yes	Yes	Yes	Yes	Yes

*RF = Raised Face
*FF = Flat Face

FLANGED PRESSURE SWITCHES

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eg. A high range Industrial/ANSI flanged pressure switch with 1/2" NPT cable entry with fixed differential without scale, having 0.1 bar to 1 bar pressure range, with 15Amp. microswitch, and 2" 150# RF SS316L flange & SS316L diaphragm shall be specified by

Please specify full model number to avoid ambiguity.