

## FEATURES

- Fix / adjustable differential
- Field adjustable set point
- Weatherproof to IP 67
- Internal set point lock
- Rigid construction
- Scale provided

## APPLICATION

- Marine applications
- Textile machineries
- Power & steel plants
- Furnace applications
- Oil & Gas, Refineries
- Petro-chemicals & Fertilizers
- Cement & Glass industries
- Railway engines & Turbines

### High Accuracy & Repeatability



### STANDARD SPECIFICATIONS

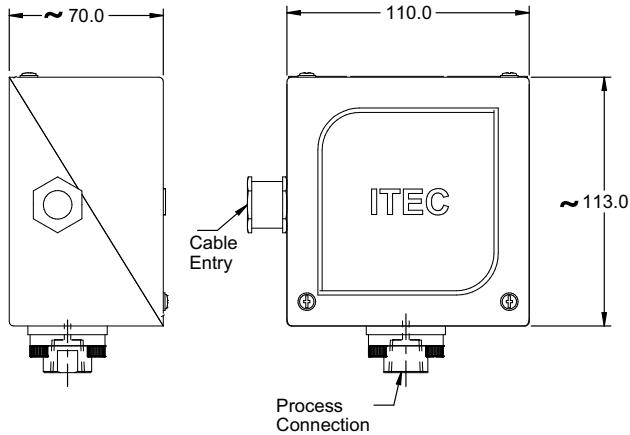
Repeatability	:	± 0.5 % F.S
Scale accuracy	:	± 1% F.S
Measurement unit	:	bar
Range	:	Refer "Range Table"
Range adjustment	:	External (Standard), Internal (Optional)
Differential	:	Fixed (Standard), Adjustable (Optional)
Mounting	:	Bottom / Panel
Enclosure material	:	Aluminum pressure die cast
Sensing elements	:	SS 316 Diaphragm
Switch	:	1 SPDT Snap action micro switch
Switch rating	:	15A,250 VAC / 0.2A,24 VDC (Standard)
Process connection	:	¼"BSP(F)
Maximum process temperature	:	150 °C
Ambient temperature	:	-10...60 °C
Cable entry	:	PG.13.5 mm
Set point	:	Between 20 to 80 % F.S for better performance
High voltage strength	:	0.5 to 0.6 KV between open contacts and 2 K V between contact and body

### RANGE TABLE

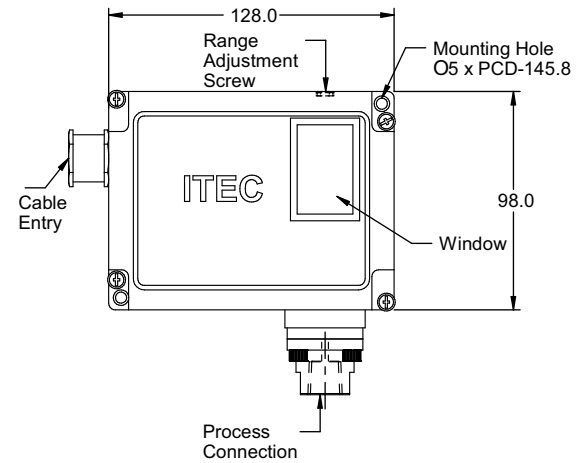
CODE	RANGE	CODE	RANGE
	"mbar"		"bar"
D53	-20...+20	B55	-1...0
D54	-40...+40	B40	-1...+2
D12	3...20	B42	-1...+4
D17	5...60	B04	0.2...2
D19	10...100	B06	0...4
D24	25...250	B07	0.6...6
D29	50...600	B09	1...10
		B11	1...16
		B13	2...25
		B15	2...32
		B16	4...40
		B17	5...60

## DIMENSIONAL DRAWING

S0 Internal Range Setting



S1 External Range Setting



All dimensions are in mm

## MICROSWITCH SPECIFICATION

DESCRIPTION	RATING		DIFFERENTIAL	TYPE	SWITCH CODE	
	AC	DC			1 No.	2 Nos.
Low deadband / differential	15A/250V, 2A/24V 0.2A/220V	15A/250V, 2A/24V 0.2A/220V	Fix	SPDT	M10	M20
High dead band / differential	15A/250V, 6A/24V 0.25A/220V	15A/250V, 5A/24V 0.03A/220V	Fix / Adjustable	SPDT	M11	M21
Gold plated switch	1A/250V	0.5A/28V	Fix	SPDT	M13	M23
Environmentally sealed silver contact	5A/28V	-	Fix	SPDT	M14	M24
Hermetically sealed silver contact	3A/28V	2A/24V	Fix	SPDT	M16	M26
Hermetically sealed gold contact	1A/125V	-	Fix	SPDT	M17	M27
High DC rating	10A/125V	6A/125V	Fix / Adjustable	SPDT	M18	M28
DPDT	10A/125V, 0.2A/250V	-	Fix / Adjustable	DPDT	M08	-

**ORDERING CODES**

<b>1. RANGE</b>	<b>B09</b>	Refer "Range Table"	<b>8. CABLE ENTRY</b>	<b>J8</b>	PG 13.5 cable entry
<b>2. CHAMBER MATERIAL</b>	<b>NF</b>	<b>NF</b> AISI 316 SS <b>NN</b> Monel K-500 <b>NO</b> Hastelloy C-276	<b>J9</b>	DIN connector	
<b>3. SENSING ELEMENT MATERIAL</b>	<b>DF</b>	<b>DF</b> AISI 316 SS <b>DN</b> Monel K-500 <b>DO</b> Hastelloy C-276 <b>D2</b> PTFE (Teflon)	<b>C0</b>	3/4" ET (F)	
<b>4. RANGE ADJUSTMENTS</b>	<b>S1</b>	<b>S0</b> Range adjustments, Internal <b>S1</b> Range adjustments, External	<b>C1</b>	1/2" NPT (F)	
<b>5. SWITCHING DIFFERENTIAL</b>	<b>S4</b>	<b>S4</b> Fixed, 2...5% <b>S5</b> Adjustable, 5...12.5%	<b>C4</b>	4 Pin Connector	
<b>6. SET POINT</b>	<b>S8</b>	<b>S8</b> On Raising <b>S9</b> On Falling	<b>C7</b>	7 Pin Connector	
<b>7. MICROSWITCH TYPE</b>	<b>M10</b>	Refer "Microswitch Specification"	<b>9. PROCESS CONNECTION</b>	<b>02B</b>	1/4" BSP (F)
			<b>12B</b>	1/4" BSP (M)	
			<b>13B</b>	3/8" BSP (M)	
			<b>14B</b>	1/2" BSP (M)	
			<b>02N</b>	1/4" NPT (F)	
			<b>12N</b>	1/4" NPT (M)	
			<b>14N</b>	1/2" NPT (M)	
			<b>04N</b>	1/2" NPT (F)	
			<b>A25</b>	1.5" RF 150#	
			<b>A26</b>	1.5" RF 300#	
			<b>A27</b>	1.5" RF 600#	
			<b>A31</b>	2" RF 150#	
			<b>A32</b>	2" RF 300#	
			<b>A33</b>	2" RF 600#	
			<b>10. OTHER OPTIONS</b>	<b>XX</b>	
			<b>TB</b>	Calibration Certificate	
			<b>XF</b>	AISI 304 SS tag plate	
			<b>XV</b>	Wall mounting bracket	
			<b>XS</b>	Mounting bracket with 2" U-clamp	
			<b>TC</b>	Material test certificate 3.1	
			<b>KE</b>	Cable gland, double compression weatherproof, Ni-plated brass	

**Ordering Example : S201-B09-NF-DF-S1-S4-S8-M10-J8-02B**
**COMPATIBLE ACCESSORIES**

Diaphragm seal	Gauge cock	Needle Valves
Cooling tower	Snubber	Manifolds
Siphon		

**NOTES:**

1. Except "Standard" connection, other connections are given through adaptors.
2. The option "TC" covers only wetted parts.
3. Cable gland is available in other materials, contact factory.