

## FEATURES

- 1 SPDT contact
- Weatherproof to IP 67
- Field adjustable set point
- High Accuracy / Repeatability

## APPLICATION

- Earth movers
- OEM industries
- Lubrication industries
- Hydraulic equipments
- Pneumatic machineries
- Automobile applications

### OEM Industry Applications



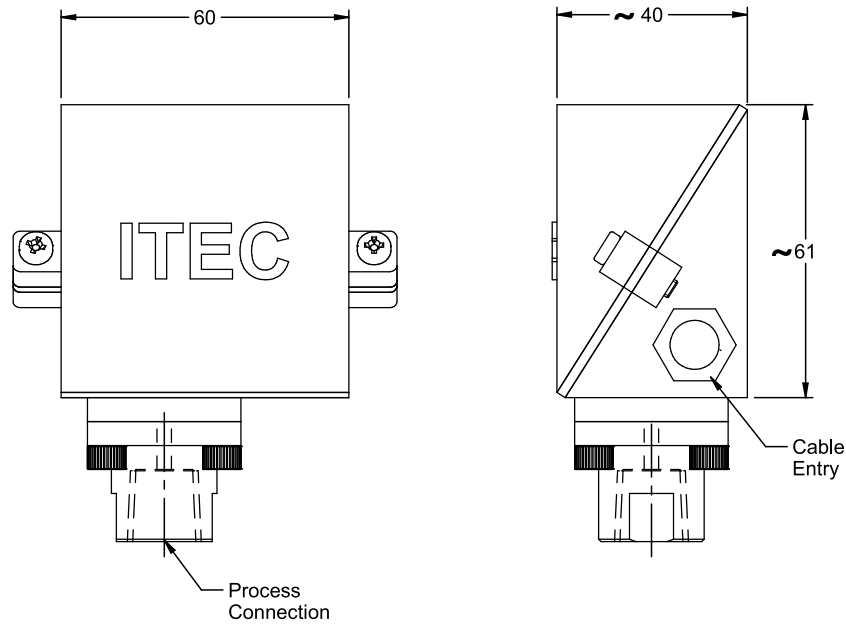
### STANDARD SPECIFICATIONS

|                             |   |                                                                        |
|-----------------------------|---|------------------------------------------------------------------------|
| Repeatability               | : | 1.0 % F.S                                                              |
| Measurement unit            | : | bar                                                                    |
| Range                       | : | Refer "Range Table"                                                    |
| Differential                | : | Fixed                                                                  |
| Mounting                    | : | Bottom / Panel                                                         |
| Enclosure Material          | : | Aluminum pressure die cast                                             |
| Sensing Elements            | : | SS 316 Diaphragm                                                       |
| Switch                      | : | 1 SPDT Snap action micro switch                                        |
| Switch Rating               | : | 5A,250 VAC / 0.2A,24 VDC                                               |
| Process Connection          | : | 1/4"BSP(F)                                                             |
| Maximum Process Temperature | : | 150 °C                                                                 |
| Ambient Temperature         | : | -10...60 °C                                                            |
| Cable entry                 | : | PG - 7                                                                 |
| 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<br>"bar" |
|------|----------------|
| B04  | 0.2...2        |
| B06  | 0...4          |
| B07  | 0.6...6        |
| B09  | 1...10         |
| B11  | 1...16         |
| B13  | 2...25         |
| B15  | 2...32         |
| B16  | 4...40         |
| B17  | 5...60         |
| B19  | 10...100       |

## DIMENSIONAL DRAWING



All dimensions are in mm

## ORDERING CODES

## 1. RANGE

Refer "Range Table"

B09

## 2. CHAMBER MATERIAL

NC AISI 304 SS  
NF AISI 316 SS

NC

## 3. SENSING ELEMENT MATERIAL

DF AISI 316 SS  
DG AISI 316L SS

DF

## 4. CONNECTION

02B 1/4" BSP (F)  
12B 1/4" BSP (M)  
13B 3/8" BSP (M)  
14B 1/2" BSP (M)  
12N 1/4" NPT (M)  
13N 3/8" NPT (M)  
14N 1/2" NPT (M)

02B

## 5. OTHER OPTIONS

TB Calibration Certificate  
XF AISI 304 SS tag plate

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Ordering Example : S104-B09-NC-DF-02B

## NOTES:

1. Other connections are available through adaptors.

Rev 00

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