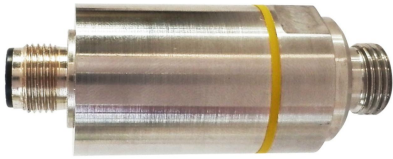
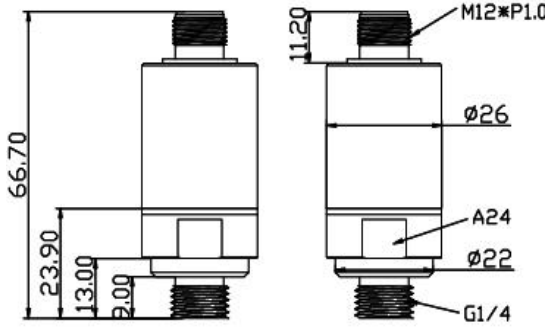


|  |   |
|--|---|
| <p>PB2147<br/>Compact Pressure Sensor<br/>M12 socket<br/>Connection: External thread G1/4<br/>Analogue output<br/>Sensing range<br/>0...200bar<br/>0...2900Psi<br/>0...202 kgf/cm2</p> |  <p>CE RoHS</p> |
| Applications   | Pressure: corresponding pressure  |
|  | Liquid and gas  |
| Supply voltage[V]  | 18...36DC   |
| Reverse polarity protection  | Yes   |
| Voltage drop[V]  | <2  |
| Current consumption[mA]  | <30   |
| Overloading Pressure[bar]  | 300   |
| Burst pressure[bar]  | 400   |
| Analogue output  | 4...20 mA   |
| Analogue output load[Ohm]  | 4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000  |
| Consumption  | 0.72W Max   |
| Final value measured[%]  | < ±1  |
| Measuring Accuracy[%]  | ±1  |
| Output response time[ms]   | 3   |
| Ambient temperature [°C/°F]  | -25...80/-13...176  |
| Medium temperature [°C/°F]   | -25...80/-13...176  |
| Storage temperature[°C/°F]   | -40...100/-40...212   |
| Protection/Enclosure Rating  | IP68  |
| Insulation resistance[MΩ]  | > 100(500 V DC)   |
| Dimension[mm]  |               |
| ESD EN61000-4-2  | 4kV (Level 2)   |
| EFT EN61000-4-4  | 2kV (Level 3)   |
| Walkie talkie experiment[mm]   | <10   |
| Shock resistance[g]  | 50  |

|                             |   |
|-----------------------------|---|
| Vibration resistance[g]     | 20  |
| Housing material            | Stainless steel 304                                       |
| Probe material/Wetted Parts | V2A(1.4305)/Ceramic/FPM(Viton)/Probe:Stainless steel 316L |
| Connection                  | M12 socket  |
| Wiring<br>Core color        |   |



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