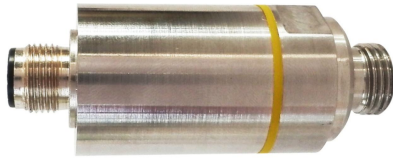
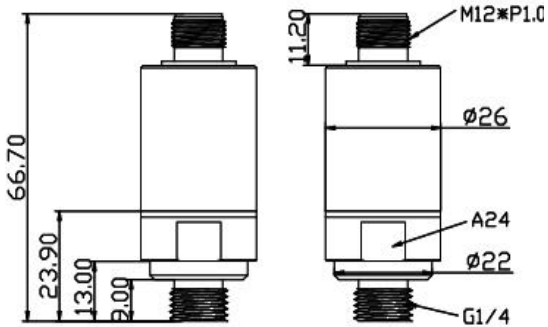
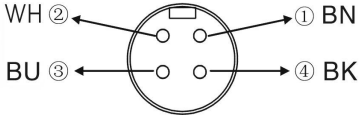
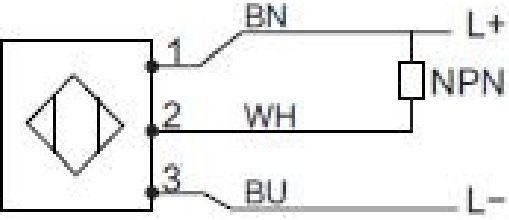


|                                                                                                                                                                                                                |                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <p>PC2167</p> <p>Compact Pressure Sensor</p> <p>M12 socket</p> <p>Connection: External thread G1/4</p> <p>Switching output</p> <p>Sensing range</p> <p>0...200bar</p> <p>0...2895Psi</p> <p>0...202kgf/cm2</p> |  <p>CE RoHS</p> |
| Applications                                                                                                                                                                                                   | <p>Pressure: corresponding pressure</p> <p>Liquid and gas</p>                                     |
| 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                                                                                               |
| Switching output                                                                                                                                                                                               | NPN NO/NC                                                                                         |
| Overload of switching output[mA]                                                                                                                                                                               | 300                                                                                               |
| Consumption                                                                                                                                                                                                    | 0.72W Max                                                                                         |
| Final value measured[%]                                                                                                                                                                                        | < ±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)                                                                                   |
| Dimensions[mm]                                                                                                                                                                                                 |               |
| ESD EN61000-4-2                                                                                                                                                                                                | 4kV (Level 2)                                                                                     |
| EFT EN61000-4-4                                                                                                                                                                                                | 2kV (Level 3)                                                                                     |
| 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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