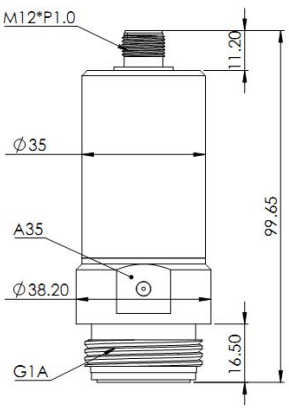
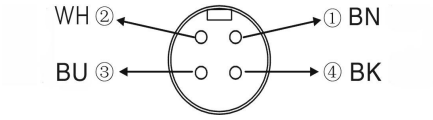
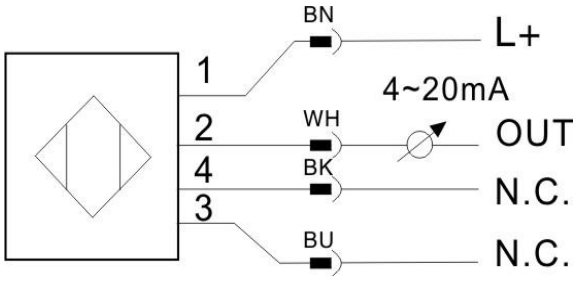
| | |
|---|---|
| PB3301<br>Sanitary Pressure Sensor<br>M12 socket<br>Connection: G1"A<br>4…20mA<br>Sensing range<br>-1…2bar<br>-14…29Psi<br>-1…2 kgf/cm2 |  CE RoHS FDA |
| Applications | Negative pressure: corresponding pressure |
| | Liquid and gas |
| Supply voltage[V] | 18…36DC |
| Reverse polarity protection | Yes |
| Voltage drop[V] | <2 |
| Current consumption[mA] | <30 |
| Overloading Pressure[bar] | 4 |
| Burst pressure[bar] | 6 |
| Analogue output | 4…20mA |
| Analogue output load[Ohm] | Max (Ub-10V) x 50 |
| Consumption | 0.72W Max |
| Final value measured[%] | < ±1 |
| Measuring Accuracy[%] | ±1 |
| Analogue output response time[ms] | 3 |
| Ambient temperature [℃/℉] | -25…80/-13...176 |
| Medium temperature [℃/℉] | -25…125/-13...257 (150℃/1.5h) |
| Storage temperature[℃/℉] | -40…100/-40...212 |
| Protection/Enclosure Rating | IP69K* |
| Insulation resistance[MΩ] | > 100(500 V DC) |
| Dimension[mm] |  |
| ESD EN61000-4-2 | 4kV (Ⅱ) |
| EFT EN61000-4-4 | 2kV (Ⅲ) |
| 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(Vition)/Probe:Stainless steel 316L |
| Connection | M12 socket |
| Wiring<br>Core color<br><br> | <br> |
| Note* | equipped with a sanitary adapter to IP69 |

ema electronics