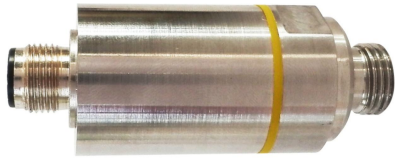
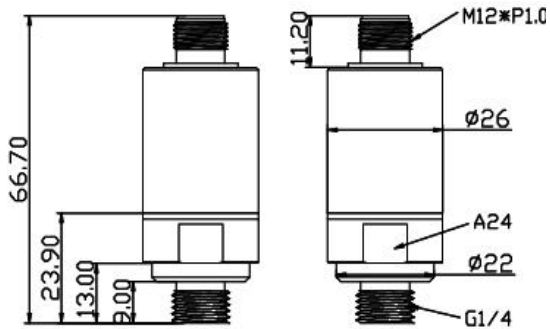
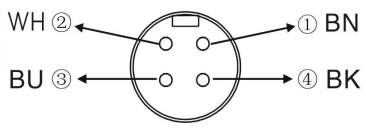
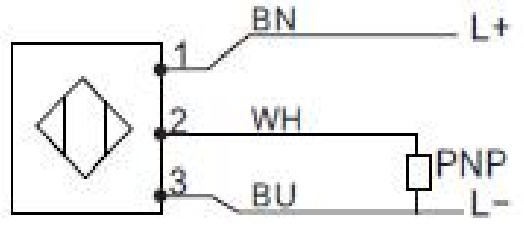


|                                                                                                                                                                                      |                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PC2149<br>Compact Pressure Sensor<br>M12 socket<br>Connection: External thread G1/4<br>Switching output<br>Sensing range<br>0...400bar<br>0...5790Psi<br>0...408 kgf/cm <sup>2</sup> | <br> |
| Applications                                                                                                                                                                         | Pressure: corresponding pressure<br>Liquid and gas                                                                                                                      |
| Supply voltage[V]                                                                                                                                                                    | 18...36DC                                                                                                                                                               |
| Reverse polarity protection                                                                                                                                                          | Yes                                                                                                                                                                     |
| Voltage drop[V]                                                                                                                                                                      | <2                                                                                                                                                                      |
| Current consumption[mA]                                                                                                                                                              | <30                                                                                                                                                                     |
| Overloading Pressure[bar]                                                                                                                                                            | 500                                                                                                                                                                     |
| Burst pressure[bar]                                                                                                                                                                  | 650                                                                                                                                                                     |
| Switching output                                                                                                                                                                     | PNP 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        |   |



Akdeniz Mekatronik San.Tic.Ltd.Şti  
 Yeşiloba Mahallesi 46290 Sk. No:4 Adana/Türkiye  
 Tel. +90 322 428 11 44  
 E-mail: [info@akdenizmekatronik.com.tr](mailto:info@akdenizmekatronik.com.tr)