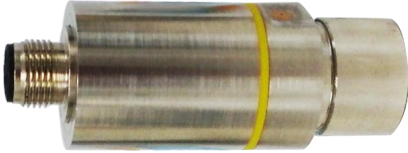
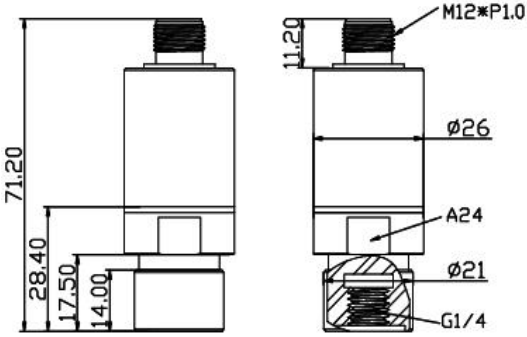
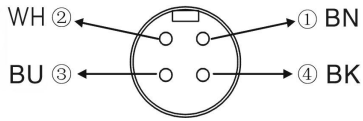


<p>PB1166 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...100bar 0...1450Psi 0...100 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	150
Burst pressure[bar]	300
Analogue output	0...10V
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 Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a terminal labeled 'BN' which is then connected to 'L+'. Terminal 2 is connected to 'WH', terminal 4 to 'BK', and terminal 3 to 'BU'. These three terminals (WH, BK, BU) are connected to a common point labeled 'N.C.' (Not Connected). A voltage source 'O~10V' is connected between the 'N.C.' point and 'L-'.</p>



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