
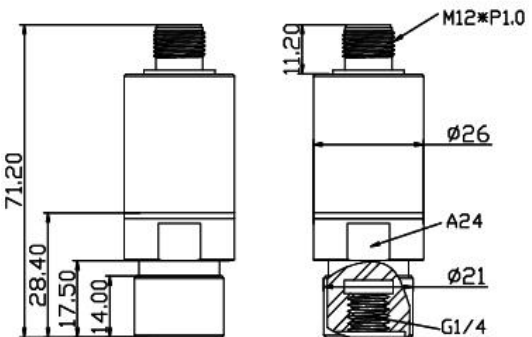
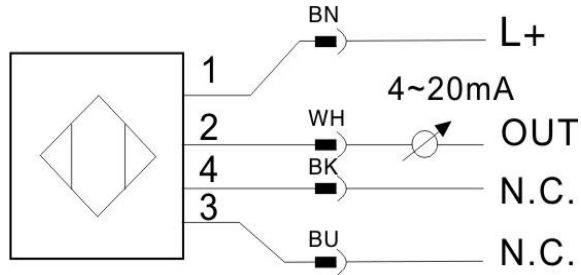
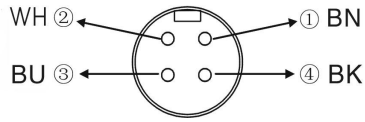


<p>PB1140 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range -1...1bar -14...14Psi -1...1 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Negative pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>5</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 Core color	<p>         1 — BN — L+          2 — WH — 4~20mA OUT          4 — BK — N.C.          3 — BU — N.C.       </p>


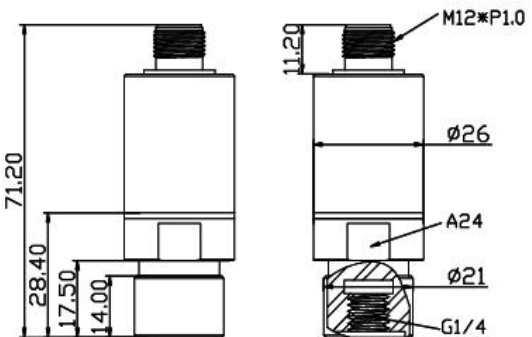


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<p>PB1141 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...2bar 0...29Psi 0...2 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>8</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


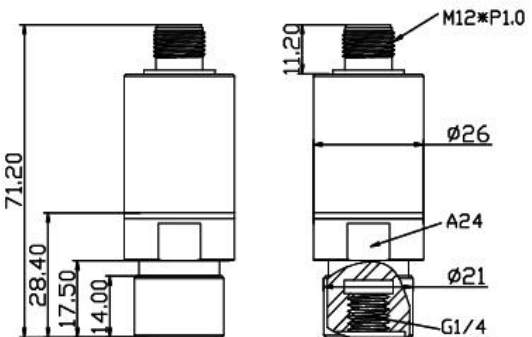
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a black terminal labeled BN, which is labeled L+. Terminal 2 is connected to a white terminal labeled WH, which is labeled OUT with a current range of 4~20mA. Terminal 4 is connected to a black terminal labeled BK, which is labeled N.C. Terminal 3 is connected to a blue terminal labeled BU, which is labeled N.C. To the left, a circular core color diagram shows four positions: 1 (BN, black), 2 (WH, white), 3 (BU, blue), and 4 (BK, black).</p>

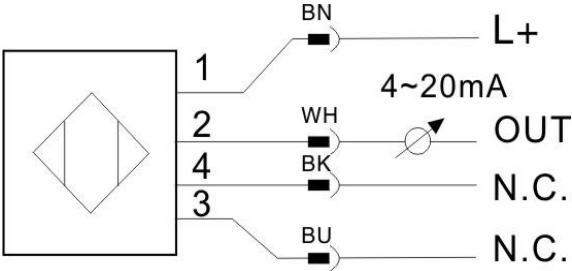
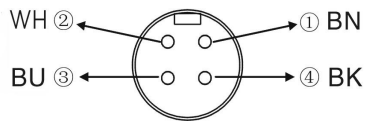
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<p>PB1142 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...5bar 0...73Psi 0...5 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>10</p>
<p>Burst pressure[bar]</p>	<p>20</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


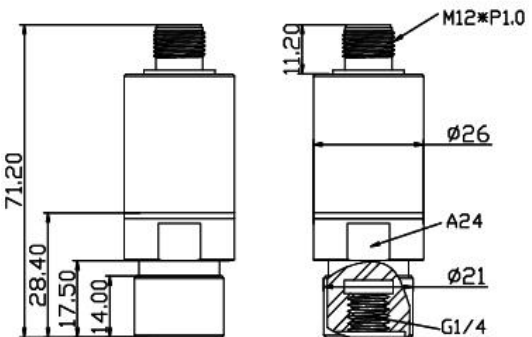
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	
	

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<p>PB1143 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...10bar 0...145Psi 0...10 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>20</p>
<p>Burst pressure[bar]</p>	<p>35</p>
<p>Analogue output</p>	<p>4...20 mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	 <p>Technical drawing showing dimensions (71.20, 28.40, 17.50, 14.00, 11.20) and thread specifications (M12*P1.0, G1/4, A24, Ø26, Ø21).</p>
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 Core color	


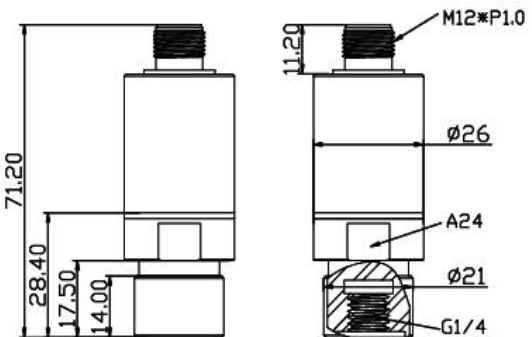
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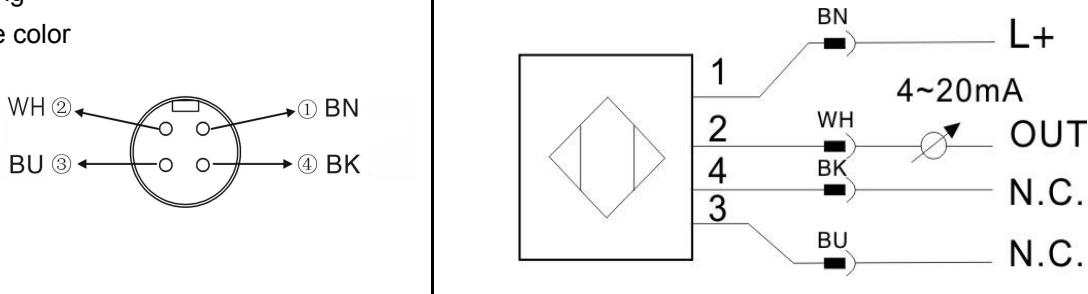
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<p>PB1144 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...20bar 0...290Psi 0...20 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>40</p>
<p>Burst pressure[bar]</p>	<p>60</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


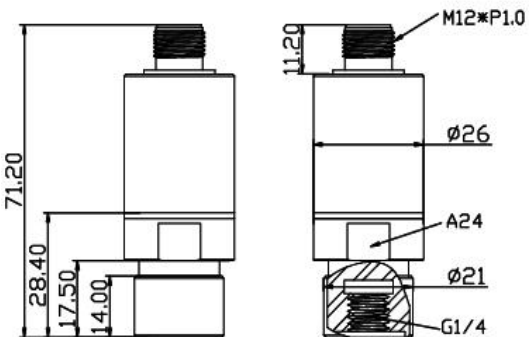
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a circular terminal block with four pins. Pin 1 is connected to a BN wire, pin 2 to a WH wire, pin 3 to a BU wire, and pin 4 to a BK wire. The output is labeled L+ and OUT, with a current range of 4~20mA. Pins 3 and 4 are marked as N.C. (Not Connected).</p>

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<p>PB1145 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...50bar 0...725Psi 0...50 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>100</p>
<p>Burst pressure[bar]</p>	<p>140</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


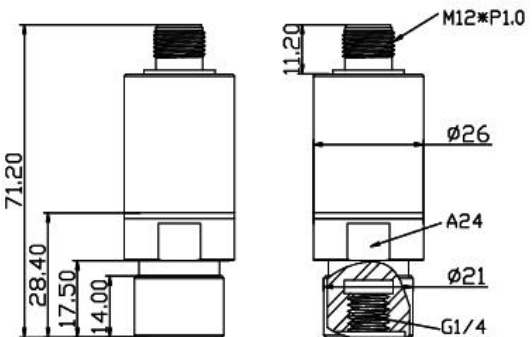
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN terminal block, which is labeled L+. Terminal 2 is connected to a WH terminal block, which is labeled OUT with a current range of 4~20mA and a variable resistor symbol. Terminal 4 is connected to a BK terminal block, which is labeled N.C. Terminal 3 is connected to a BU terminal block, which is also labeled N.C. To the left, a circular core color coding diagram shows four positions: 1 BN (top right), 2 WH (top left), 3 BU (bottom left), and 4 BK (bottom right).</p>

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<p>PB1146 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>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>150</p>
<p>Burst pressure[bar]</p>	<p>300</p>
<p>Analogue output</p>	<p>4...20 mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (U<sub>b</sub>-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


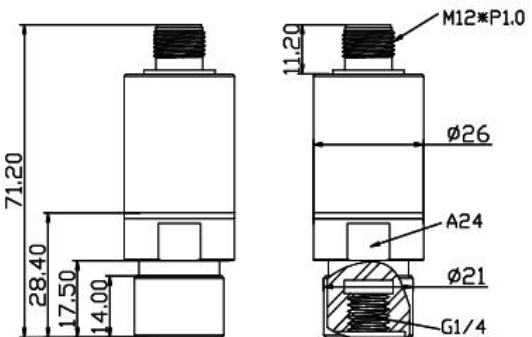
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring	
Core color	

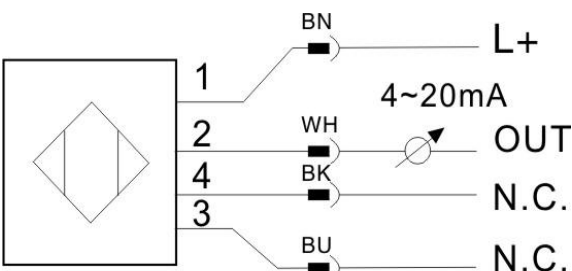
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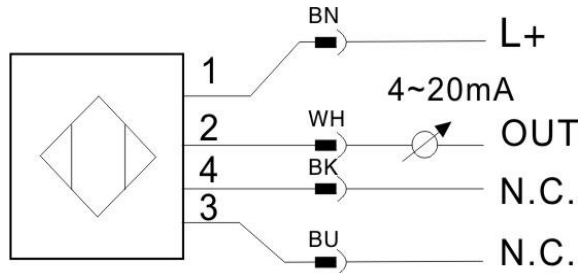
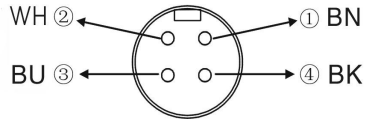
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<p>PB1147 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...200bar 0...2900Psi 0...202 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>300</p>
<p>Burst pressure[bar]</p>	<p>400</p>
<p>Analogue output</p>	<p>4...20mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 Core color	




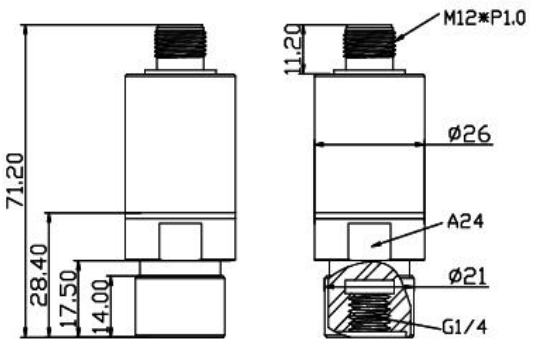
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<p>PB1148 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...250bar 0...3625Psi 0...255 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	375
Burst pressure[bar]	500
Analogue output	4...20mA
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[%]	±0.5
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


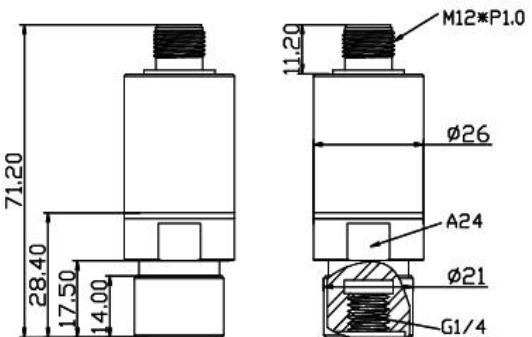
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring	
Core color	

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<p>PB1149 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...400bar 0...5800Psi 0...408kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>500</p>
<p>Burst pressure[bar]</p>	<p>650</p>
<p>Analogue output</p>	<p>4...20 mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


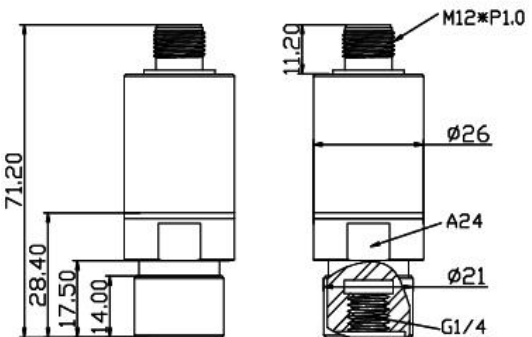
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	

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<p>PB1150 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...600bar 0...8700Psi 0...612 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>880</p>
<p>Burst pressure[bar]</p>	<p>880</p>
<p>Analogue output</p>	<p>4...20 mA</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


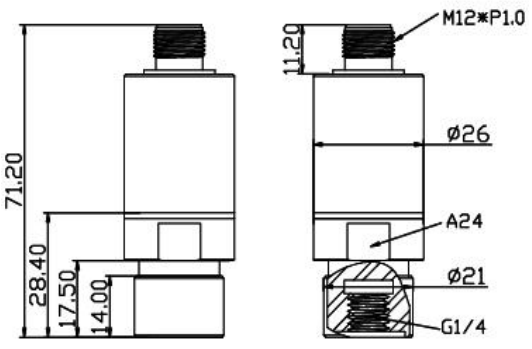
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	

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<p>PB1160 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range -1...1bar -14...14Psi -1...1 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Negative pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>5</p>
<p>Analogue output</p>	<p>0...10 V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 black wire labeled BN, which is connected to L+. Terminal 2 is connected to a white wire labeled WH. Terminal 4 is connected to a black wire labeled BK, which is connected to N.C. Terminal 3 is connected to a blue wire labeled BU, which is connected to L-. A voltmeter symbol with a diagonal slash and an arrow is connected across terminals 2 and 4, labeled O~10V.</p> <p>Core color coding diagram shows a circular terminal block with four terminals. Terminal 1 is BN (black), terminal 2 is WH (white), terminal 3 is BU (blue), and terminal 4 is BK (black).</p>


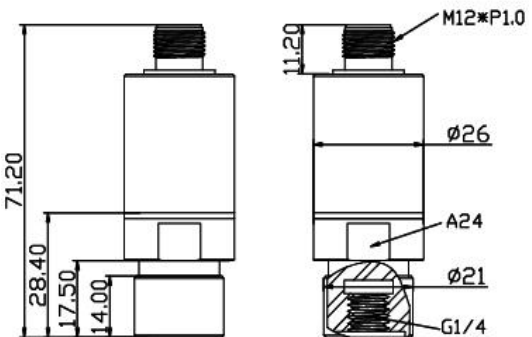
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<p>PB1161 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...2bar 0...29Psi 0...2 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>8</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


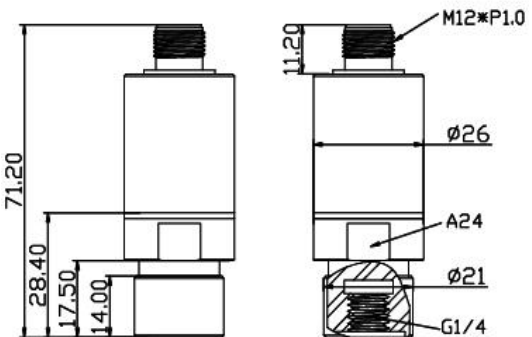
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square terminal block with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a terminal labeled 'BN'. Terminal 2 is connected to a terminal labeled 'WH'. Terminal 4 is connected to a terminal labeled 'BK'. Terminal 3 is connected to a terminal labeled 'BU'. The 'BN' terminal is connected to 'L+', 'WH' to 'O~10V', 'BK' to 'N.C.', and 'BU' to 'L-'. To the left, a circular core color diagram shows four positions: 1 (BN, white), 2 (WH, white), 3 (BU, blue), and 4 (BK, black).</p>

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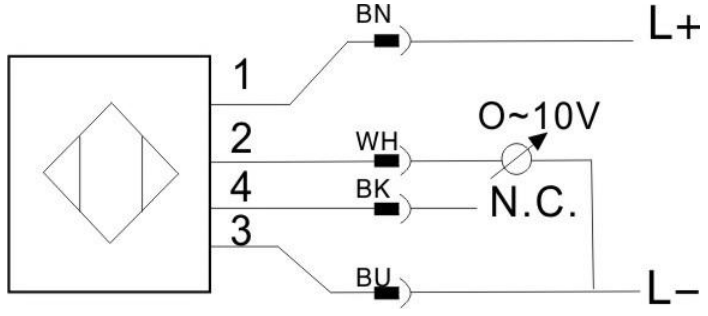
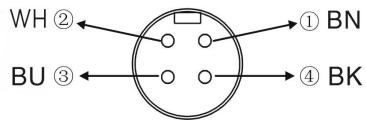
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<p>PB1162 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...5bar 0...73Psi 0...5 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>10</p>
<p>Burst pressure[bar]</p>	<p>20</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>--25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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


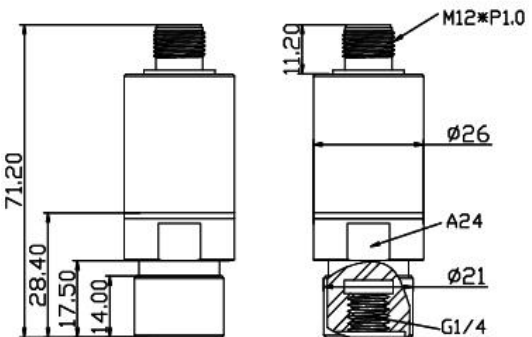


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<p>PB1163 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...10ar 0...145Psi 0...10 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>20</p>
<p>Burst pressure[bar]</p>	<p>35</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>--25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


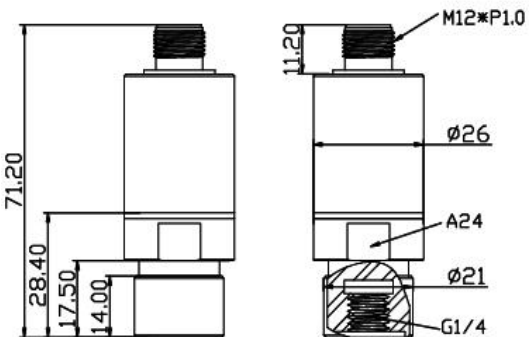
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN terminal, which is connected to L+. Terminal 2 is connected to a WH terminal. Terminal 4 is connected to a BK terminal. Terminal 3 is connected to a BU terminal, which is connected to L-. A central terminal is labeled N.C. (Not Connected) and is connected to a 0~10V signal source. To the left, a circular core color key shows four terminals: 1 (BN), 2 (WH), 3 (BU), and 4 (BK).</p>

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<p>PB1164 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...20bar 0...290Psi 0...20 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>40</p>
<p>Burst pressure[bar]</p>	<p>60</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 diamond-shaped M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN terminal block. Terminal 2 is connected to a WH terminal block. Terminal 4 is connected to a BK terminal block. Terminal 3 is connected to a BU terminal block. The BN terminal is connected to L+, the WH terminal to a potentiometer labeled O~10V, the BK terminal to N.C., and the BU terminal to L-. To the left, a circular core color coding diagram shows four positions: 1 BN (top), 2 WH (left), 3 BU (bottom), and 4 BK (right).</p>


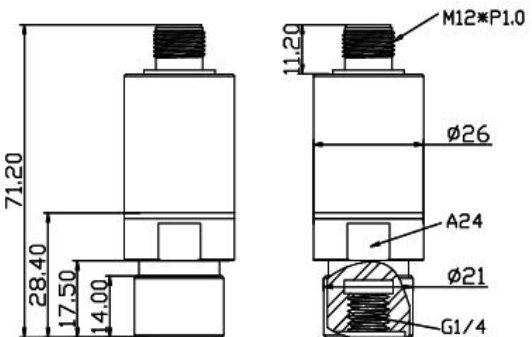
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<p>PB1165 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...50bar 0...725Psi 0...50 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>100</p>
<p>Burst pressure[bar]</p>	<p>140</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (U<sub>b</sub>-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


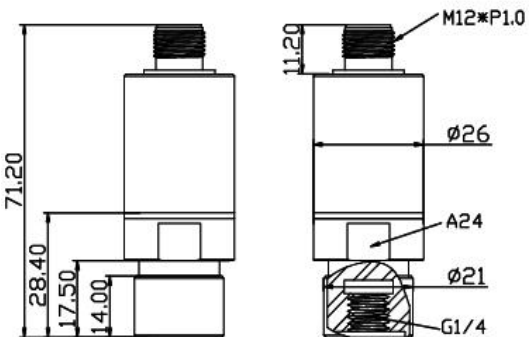
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped core with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a terminal labeled 'BN'. Terminal 2 is connected to a terminal labeled 'WH'. Terminal 4 is connected to a terminal labeled 'BK'. Terminal 3 is connected to a terminal labeled 'BU'. The 'BN' terminal is connected to 'L+', 'WH' to 'O~10V', 'BK' to 'N.C.', and 'BU' to 'L-'.</p> <p>Core color coding diagram shows a circular arrangement of four terminals with arrows pointing to labels: ① BN (top-right), ② WH (top-left), ③ BU (bottom-left), and ④ BK (bottom-right).</p>

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<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>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>150</p>
<p>Burst pressure[bar]</p>	<p>300</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>


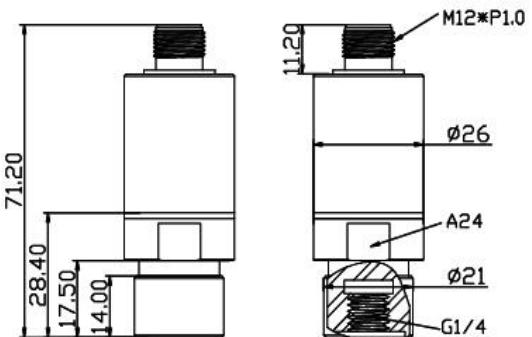
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped core with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN terminal, terminal 2 to a WH terminal, terminal 4 to a BK terminal, and terminal 3 to a BU terminal. The BN, WH, BK, and BU terminals are connected to L+, O~10V, N.C., and L- respectively. A separate circular diagram shows the core color coding: terminal 1 is BN, terminal 2 is WH, terminal 3 is BU, and terminal 4 is BK.</p>

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<p>PB1167 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...200bar 0...2900Psi 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	0...10 V
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[%]	±0.5
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]	 <p>Technical drawing showing dimensions and thread specifications:</p> <ul style="list-style-type: none"> <li>Total height: 71.20 mm</li> <li>Height to top of sensor: 28.40 mm</li> <li>Height to top of connector: 17.50 mm</li> <li>Height to bottom of connector: 14.00 mm</li> <li>Thread: M12*P1.0</li> <li>Outer diameter: Ø26</li> <li>Inner diameter: Ø21</li> <li>Thread: G1/4</li> <li>Feature: A24</li> </ul>
ESD EN61000-4-2	4kV (Level 2)
EFT EN61000-4-4	2kV (Level 3)
Walkie talkie experiment[mm]	<10
Shock resistance[g]	50


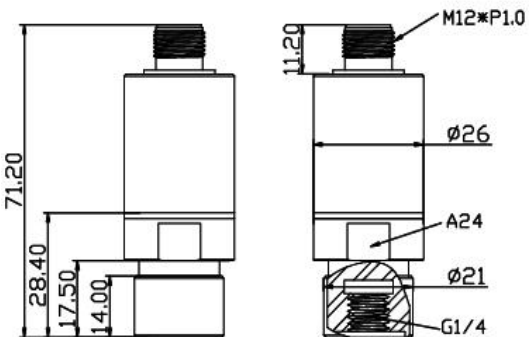
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square terminal block with four terminals labeled 1, 2, 4, and 3 from top to bottom. Terminal 1 is connected to a terminal labeled 'BN'. Terminal 2 is connected to a terminal labeled 'WH'. Terminal 4 is connected to a terminal labeled 'BK'. Terminal 3 is connected to a terminal labeled 'BU'. The 'BN' terminal is connected to 'L+', 'WH' to 'O~10V', 'BK' to 'N.C.', and 'BU' to 'L-'. To the left, a circular diagram shows the core color coding: 'WH' (white) at position 2, 'BN' (brown) at position 1, 'BU' (blue) at position 3, and 'BK' (black) at position 4.</p>

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<p>PB1168 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...250bar 0...3625Psi 0...255 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>375</p>
<p>Burst pressure[bar]</p>	<p>500</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 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 BN (Brown) wire leading to L+. Terminal 2 is connected to a WH (White) wire leading to a terminal labeled O~10V. Terminal 4 is connected to a BK (Black) wire leading to a terminal labeled N.C. Terminal 3 is connected to a BU (Blue) wire leading to L-. A separate circular diagram shows the core color coding: terminal 1 is BN, terminal 2 is WH, terminal 3 is BU, and terminal 4 is BK.</p>


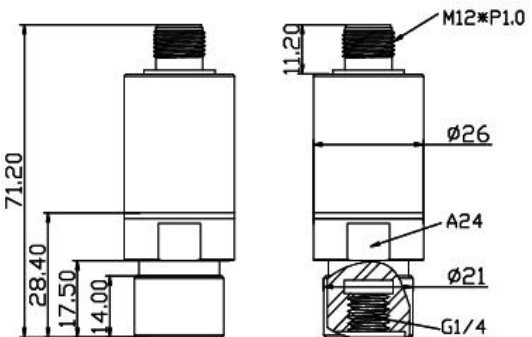
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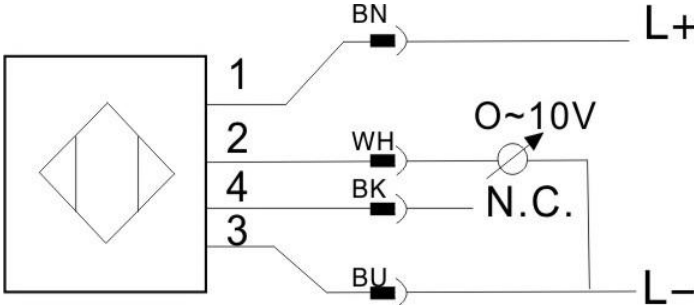
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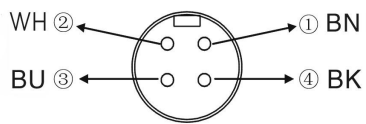
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<p>PB1169 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...400bar 0...5800Psi 0...408 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	500
Burst pressure[bar]	650
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[%]	±0.5
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(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	


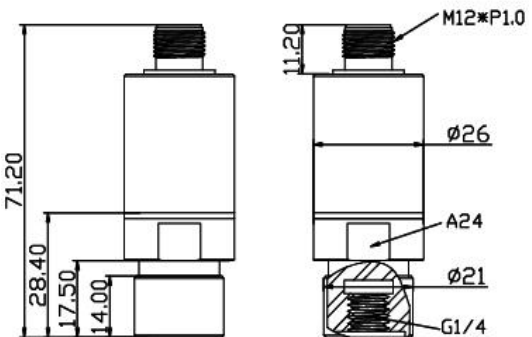


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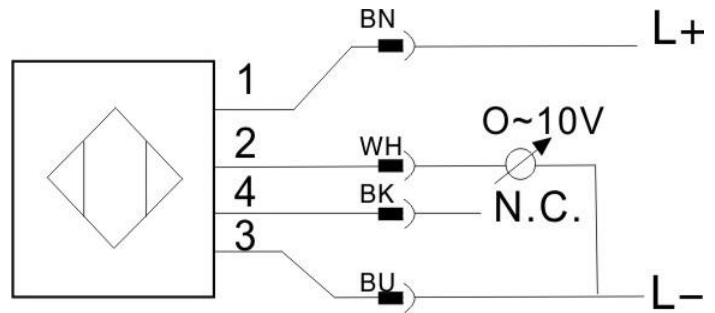
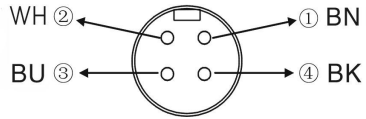
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<p>PB1170 Compact Pressure Sensor M12 socket Connection: Internal thread G1/4 Analogue output Sensing range 0...600bar 0...8700Psi 0...612 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p>&lt;2</p>
<p>Current consumption[mA]</p>	<p>&lt;30</p>
<p>Overloading Pressure[bar]</p>	<p>880</p>
<p>Burst pressure[bar]</p>	<p>880</p>
<p>Analogue output</p>	<p>0...10V</p>
<p>Analogue output load[Ohm]</p>	<p>4...20 mA : Max (Ub-10V) x 50 / 0...10V : Min 2000</p>
<p>Consumption</p>	<p>0.72W Max</p>
<p>Final value measured[%]</p>	<p>&lt; ±1</p>
<p>Measuring Accuracy[%]</p>	<p>±0.5</p>
<p>Output response time[ms]</p>	<p>3</p>
<p>Ambient temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Medium temperature [°C/°F]</p>	<p>-25...80/-13...176</p>
<p>Storage temperature[°C/°F]</p>	<p>-40...100/-40...212</p>
<p>Protection/Enclosure Rating</p>	<p>IP68</p>
<p>Insulation resistance[MΩ]</p>	<p>&gt; 100(500 V DC)</p>
<p>Dimension[mm]</p>	
<p>ESD EN61000-4-2</p>	<p>4kV (Level 2)</p>
<p>EFT EN61000-4-4</p>	<p>2kV (Level 3)</p>
<p>Walkie talkie experiment[mm]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>

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 Core color	



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