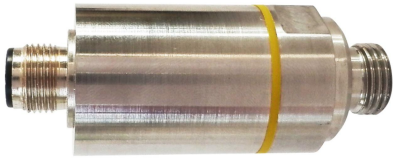
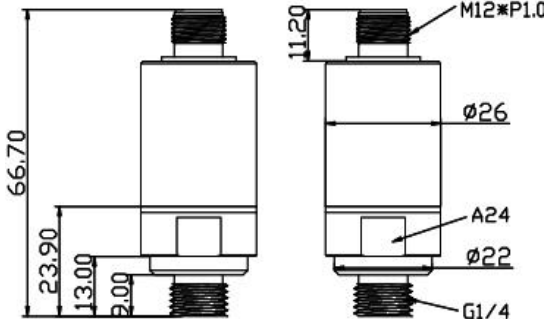
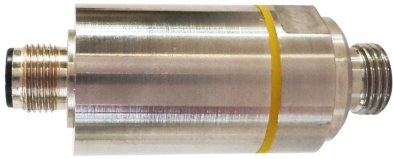
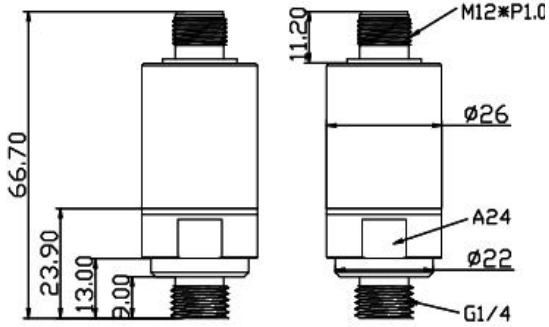
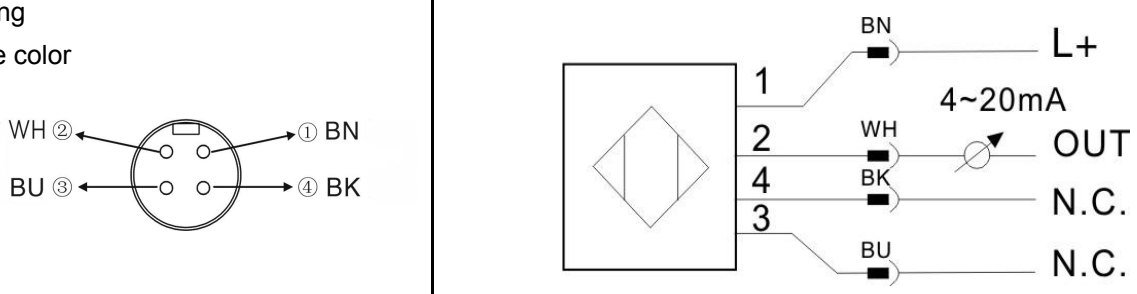
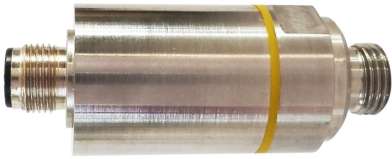
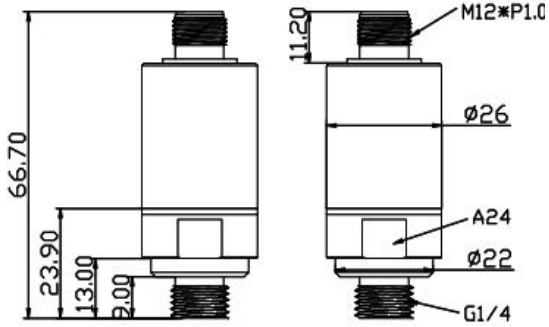


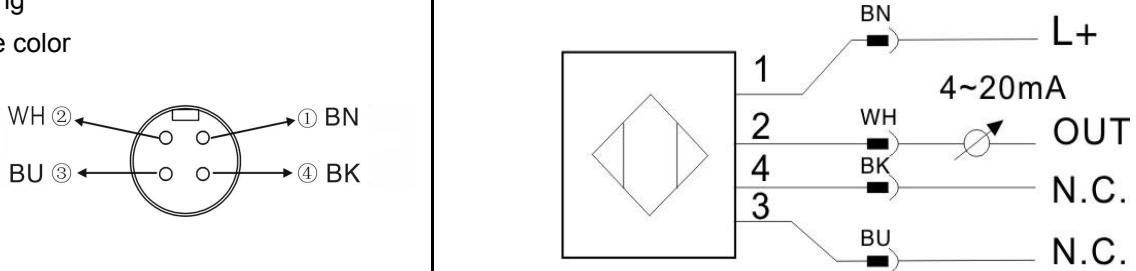
<p>PB2140 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range -1...1bar -14...14Psi -1...1 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Negative pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>5</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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

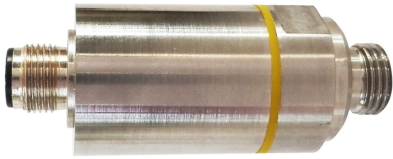
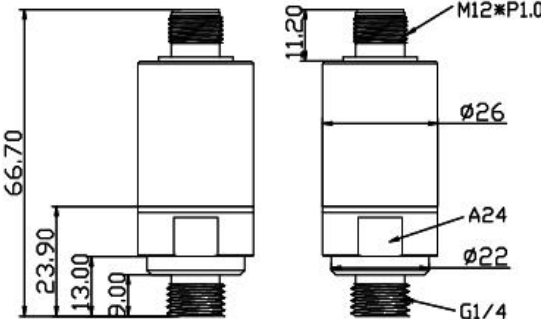
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped M12 socket with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to a BN wire, which is labeled L+. Pin 2 is connected to a WH wire, which is labeled OUT and has a current range of 4~20mA. Pin 4 is connected to a BK wire, which is labeled N.C. Pin 3 is connected to a BU wire, 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>

<p>PB2141 Compact Pressure Sensor M12 socket Connection: External 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><2</p>
<p>Current consumption[mA]</p>	<p><30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>8</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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

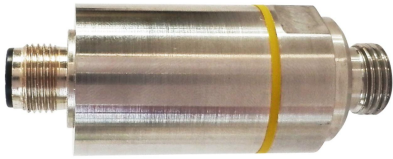
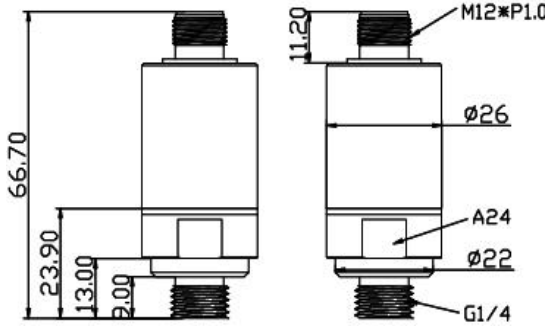
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vititon)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a circular terminal block with four pins labeled 1, 2, 3, and 4. Pin 1 is connected to a BN wire, pin 2 to a WH wire, pin 4 to a BK wire, and pin 3 to a BU wire. The WH wire is connected to L+, the BK wire to OUT (4~20mA), and the BU wire to N.C. A separate diagram shows the core color coding: a circle with four terminals. The top-left terminal is labeled WH ②, the top-right is ① BN, the bottom-left is BU ③, and the bottom-right is ④ BK.</p>

<p>PB2142 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...5bar 0...73Psi 0...5 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]	10
Burst pressure[bar]	20
Analogue output	4...20 mA
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

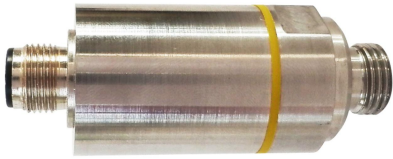
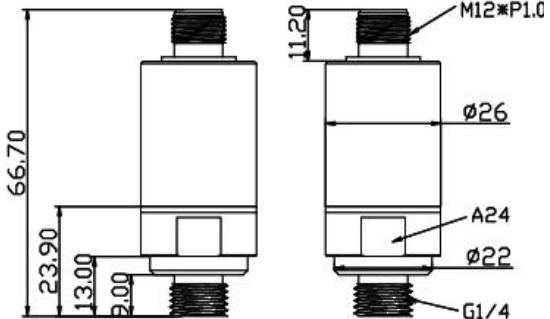
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a circular terminal block with four pins. Pin 1 is labeled BN, pin 2 is WH, pin 3 is BU, and pin 4 is BK. To the right, an M12 socket is shown with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to BN, pin 2 to WH, pin 4 to BK, and pin 3 to BU. The connections are: 1 to L+, 2 to OUT (4~20mA), 4 to N.C., and 3 to N.C.</p>

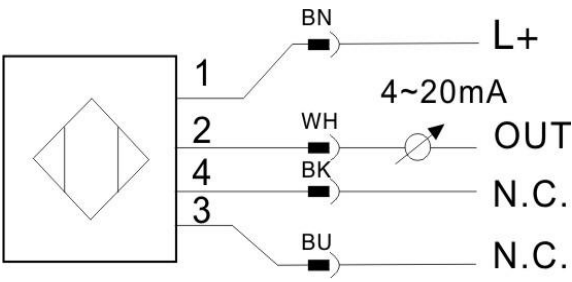
<p>PB2143 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...10bar 0...145Psi 0...10 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	20
Burst pressure[bar]	35
Analogue output	4...20 mA
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

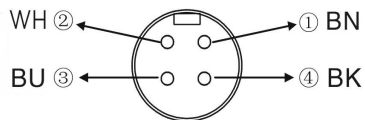
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped M12 socket with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to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

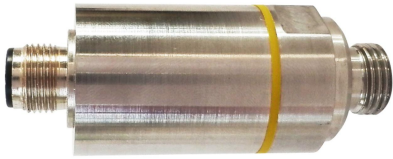
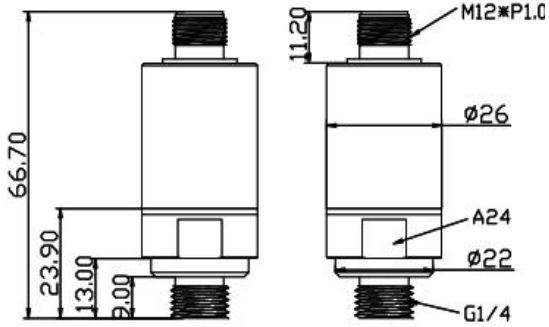
<p>PB2144 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...20bar 0...290Psi 0...20 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	40
Burst pressure[bar]	60
Analogue output	4...20 mA
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(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped M12 socket with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to a BN wire, pin 2 to a WH wire, pin 4 to a BK wire, and pin 3 to a BU wire. The BN wire is connected to L+, the WH wire to a 4~20mA current loop output (OUT), and the BK and BU wires are marked as N.C. (Not Connected).</p> <p>Core color coding diagram shows a circular terminal block with four positions: ① BN (top right), ② WH (top left), ③ BU (bottom left), and ④ BK (bottom right).</p>

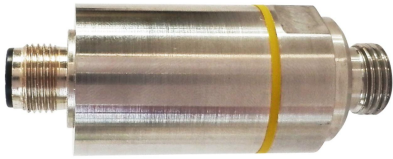
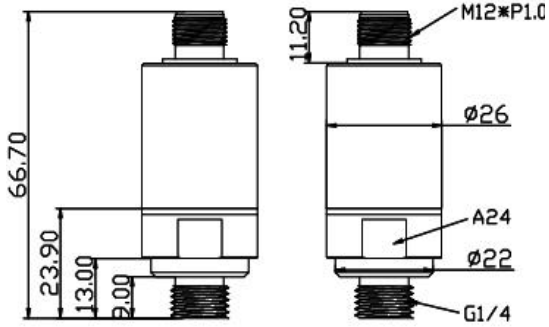
<p>PB2145 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...50bar 0...725Psi 0...50 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><30</p>
<p>Overloading Pressure[bar]</p>	<p>100</p>
<p>Burst pressure[bar]</p>	<p>140</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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

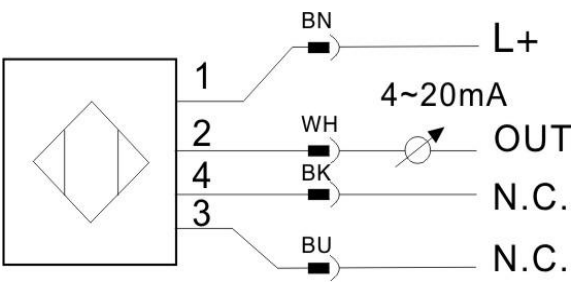
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	

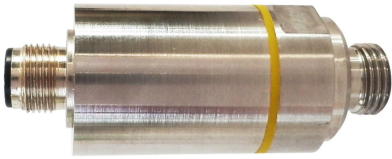
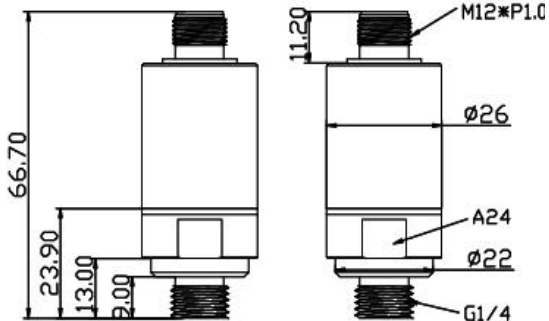


<p>PB2146 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...100bar 0...1450Psi 0...100 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	150
Burst pressure[bar]	300
Analogue output	4...20 mA
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

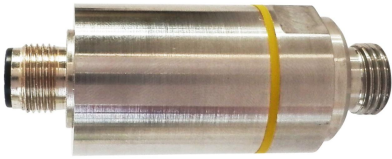
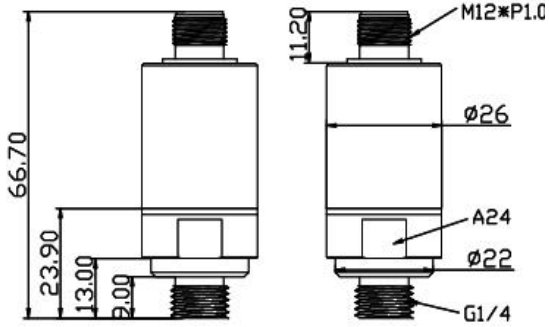
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	

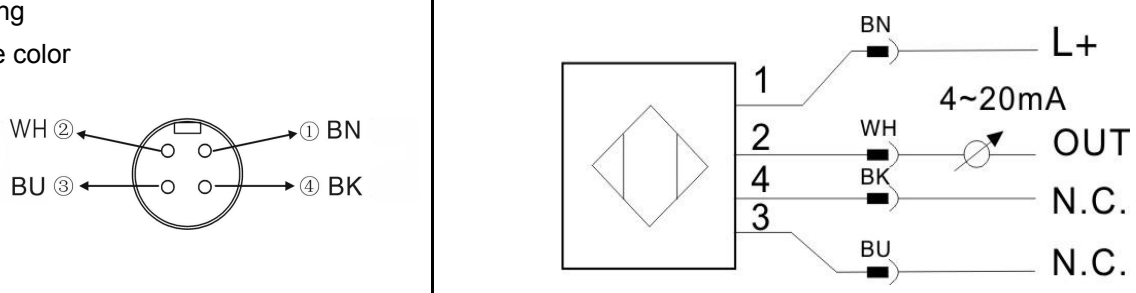
<p>PB2147 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...200bar 0...2900Psi 0...202 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	300
Burst pressure[bar]	400
Analogue output	4...20 mA
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

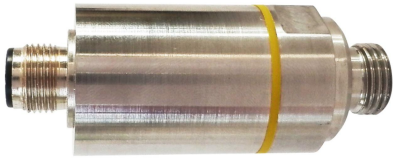
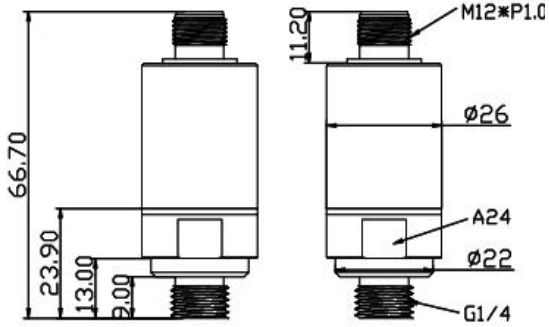
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a square M12 socket with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to a BN terminal,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

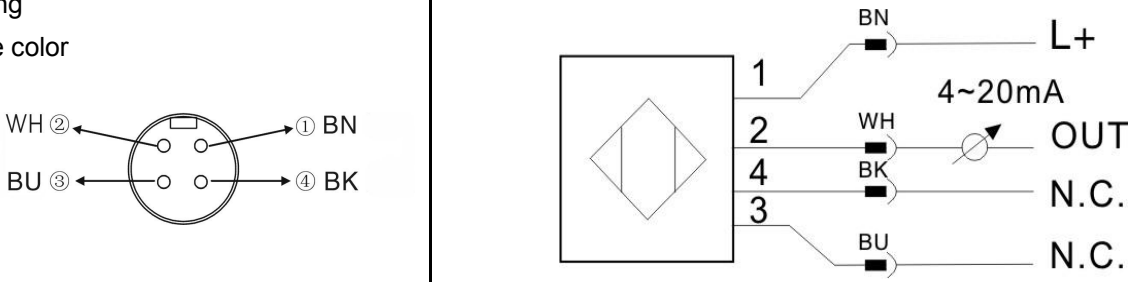
<p>PB2148 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...250bar 0...3625Psi 0...255kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure</p>
<p>Supply voltage[V]</p>	<p>Liquid and gas 18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><30</p>
<p>Overloading Pressure[bar]</p>	<p>375</p>
<p>Burst pressure[bar]</p>	<p>500</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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

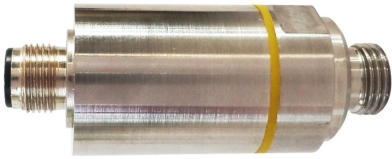
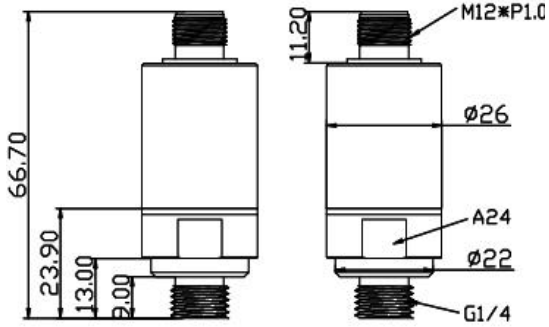
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	

<p>PB2149 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...400bar 0...5800Psi 0...408 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><2</p>
<p>Current consumption[mA]</p>	<p><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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

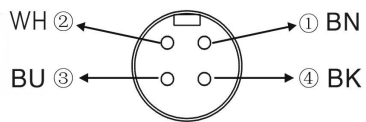
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	 <p>The diagram shows a circular terminal block with four pins. Pin 1 is connected to a BN wire, Pin 2 to a WH wire, Pin 4 to a BK wire, and Pin 3 to a BU wire. The core color coding is shown as WH ②, BU ③, ① BN, and ④ BK. To the right, a square symbol represents the M12 socket with four pins labeled 1, 2, 4, and 3. Pin 1 is connected to BN, Pin 2 to WH, Pin 4 to BK, and Pin 3 to BU. The connections are: 1 to L+, 2 to OUT (4~20mA), 4 to N.C., and 3 to N.C.</p>

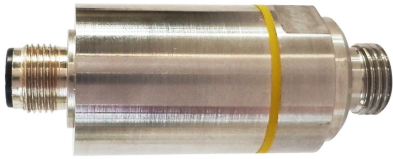
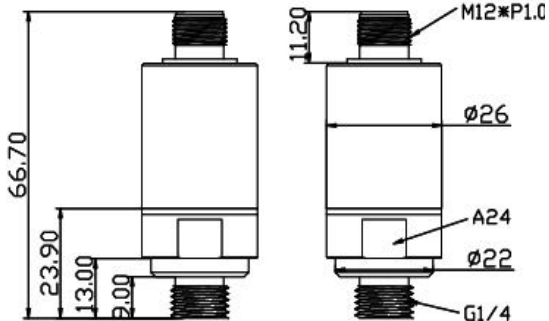
<p>PB2150 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...600bar 0...8700Psi 0...612 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><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>< ±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>> 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><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 4 to a BK wire, and Pin 3 to a BU wire. The WH wire is connected to L+, and the BK wire is connected to OUT. The output current is specified as 4~20mA. Pins 1 and 2 are grouped together, and pins 3 and 4 are grouped together. The BU wire is connected to N.C. (Not Connected).</p>

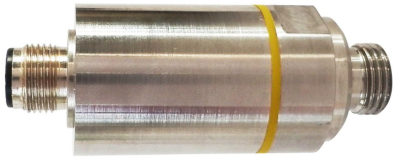
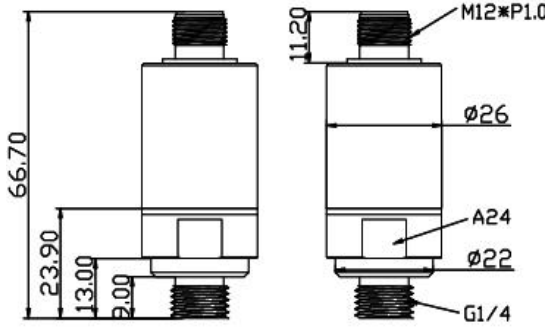
<p>PB2160 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range -1...1bar -14...14Psi -1...1 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Negative pressure: corresponding pressure Liquid and gas</p>
<p>Supply voltage[V]</p>	<p>18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><30</p>
<p>Overloading Pressure[bar]</p>	<p>4</p>
<p>Burst pressure[bar]</p>	<p>5</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>< ±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>> 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><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 an M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a wire labeled BN, which is also labeled L+. Terminal 2 is connected to a wire labeled WH. Terminal 4 is connected to a wire labeled BK. Terminal 3 is connected to a wire labeled BU, which is also labeled L-. A separate wire labeled O~10V is connected to a terminal labeled N.C. (Not Connected).</p>

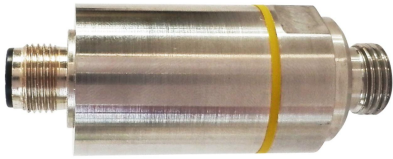
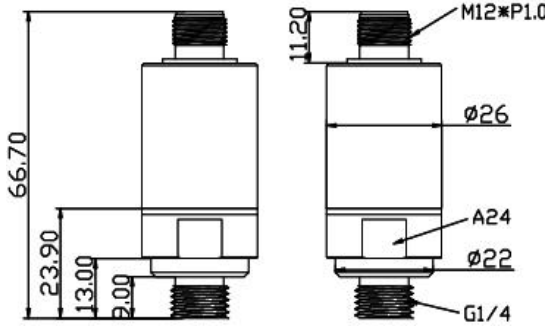


<p>PB2161 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...2bar 0...29Psi 0...2 kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure</p>
<p>Supply voltage[V]</p>	<p>Liquid and gas 18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

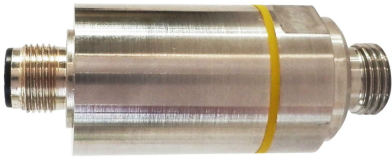
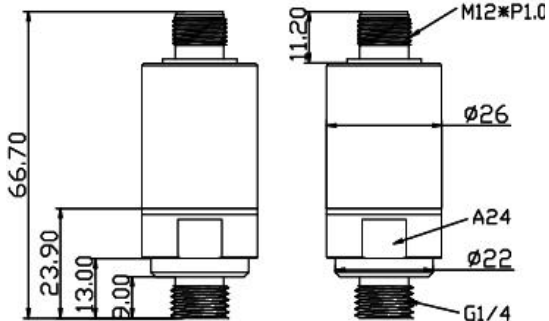
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to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

<p>PB2162 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...5bar 0...73Psi 0...5kgf/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]	10
Burst pressure[bar]	20
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

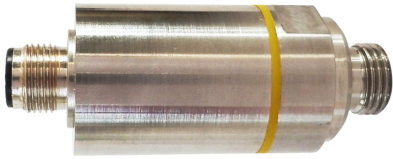
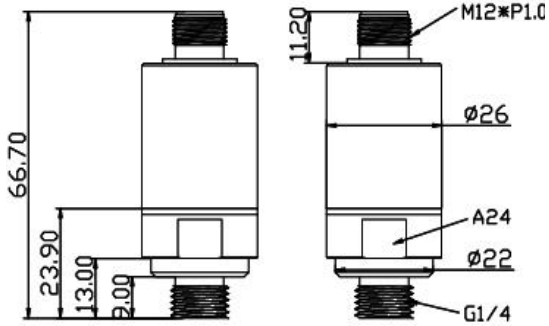
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN wire, terminal 2 to a WH wire, terminal 4 to a BK wire, and terminal 3 to a BU wire. The BN wire is connected to L+, the WH wire to a normally open contact (N.O.) of a relay, the BK wire to a normally closed contact (N.C.) of a relay, and the BU wire to L-. The relay is controlled by a 0~10V signal. To the left, a circular core color coding diagram shows four terminals: 1 (BN) at the top, 2 (WH) on the left, 3 (BU) at the bottom, and 4 (BK) on the right.</p>

<p>PB2163 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...10bar 0...145Psi 0...10kgf/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]	20
Burst pressure[bar]	35
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

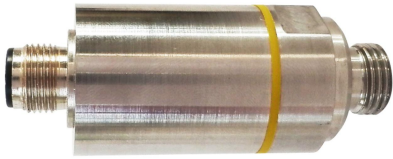
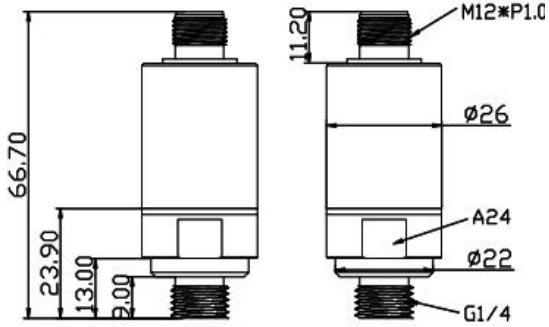
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	

<p>PB2164 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...20bar 0...290Psi 0...20kgf/cm2</p>	 <p>CE RoHS</p>
<p>Applications</p>	<p>Pressure: corresponding pressure</p>
<p>Supply voltage[V]</p>	<p>Liquid and gas 18...36DC</p>
<p>Reverse polarity protection</p>	<p>Yes</p>
<p>Voltage drop[V]</p>	<p><2</p>
<p>Current consumption[mA]</p>	<p><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>< ±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>> 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><10</p>
<p>Shock resistance[g]</p>	<p>50</p>

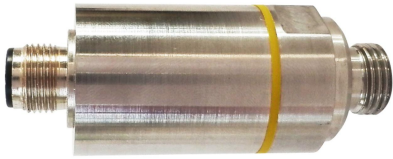
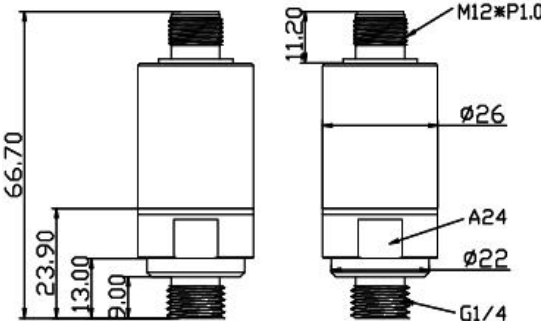
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped core with four terminals labeled 1, 2, 3, and 4. Terminal 1 is connected to a BN wire, terminal 2 to a WH wire, terminal 4 to a BK wire, and terminal 3 to a BU wire. The BN, WH, and BK wires are connected to a circuit with a 0~10V potentiometer. The BK wire is connected to the center (N.C.) of the potentiometer. The BU wire is connected to the L- terminal. The BN wire is connected to the L+ terminal. A separate circular diagram shows the core color coding: WH (2) and BU (3) on the left, and BN (1) and BK (4) on the right.</p>

<p>PB2165 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...50bar 0...725Psi 0...50kgf/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]	100
Burst pressure[bar]	140
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

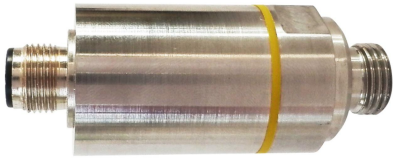
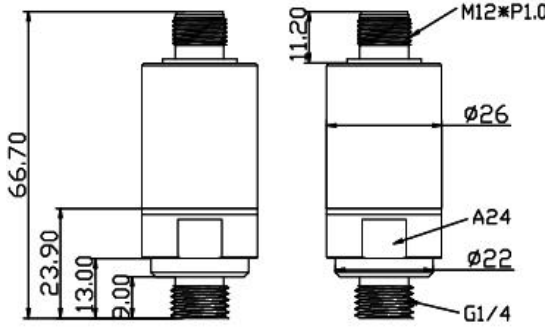
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Viton)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped core with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to a BN terminal, which is linked to L+. Terminal 2 is connected to a WH terminal. Terminal 4 is connected to a BK terminal, which is linked to N.C. Terminal 3 is connected to a BU terminal, which is linked to L-. A potentiometer symbol is shown with a wiper connected to terminal 2, labeled O~10V.</p> <p>Core color coding diagram:</p> <ul style="list-style-type: none"> ① BN ② WH ③ BU ④ BK

<p>PB2166 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...100bar 0...1450Psi 0...100kgf/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[%]	±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

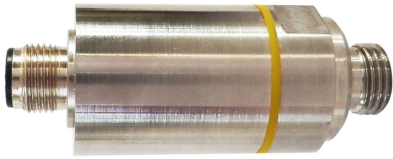
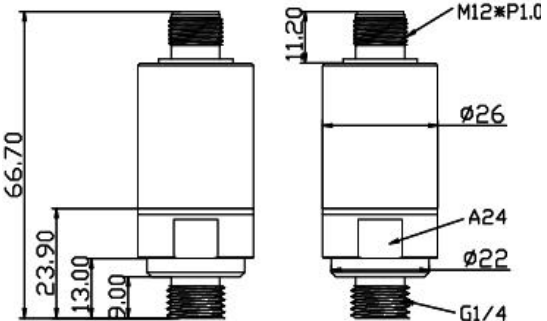
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a square M12 socket with four terminals labeled 1, 2, 4, and 3. Terminal 1 is connected to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

<p>PB2167 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...200bar 0...2900Psi 0...203kgf/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...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

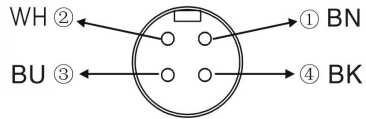
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	V2A(1.4305)/Ceramic/FPM(Vition)/Probe:Stainless steel 316L
Connection	M12 socket
Wiring Core color	<p>The diagram shows a diamond-shaped sensor with four pins labeled 1, 2, 3, and 4. Pin 1 is connected to a terminal labeled BN. Pin 2 is connected to a terminal labeled WH. Pin 4 is connected to a terminal labeled BK. Pin 3 is connected to a terminal labeled BU. The circuit also includes a power supply with terminals L+ and L-, a variable resistor labeled O~10V, and a normally closed contact labeled N.C.</p>

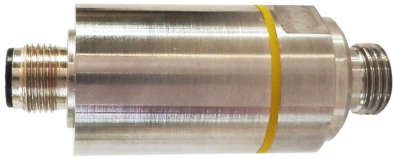
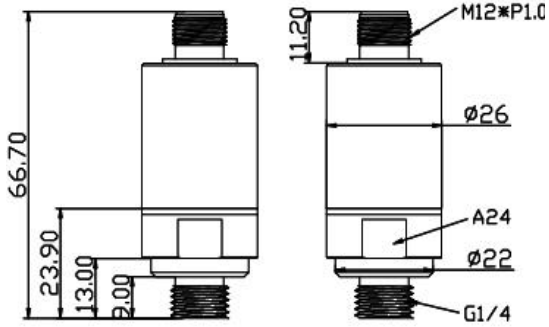
<p>PB2168 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...250bar 0...3625Psi 0...255kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	375
Burst pressure[bar]	500
Analogue output	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	<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, and BK terminals are connected to a common point labeled 'N.C.' (Not Connected) which is also connected to a 0~10V potentiometer. The BU terminal is connected to the L- line. The BN terminal is also connected to the L+ line.</p>

<p>PB2169 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...400bar 0...5800Psi 0...408kgf/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	<p> The diagram shows a diamond-shaped M12 socket with four pins labeled 1, 2, 3, and 4. Pin 1 is connected to a terminal labeled BN. Pin 2 is connected to a terminal labeled WH. Pin 4 is connected to a terminal labeled BK. Pin 3 is connected to a terminal labeled BU. The BN terminal is connected to L+. The WH, BK, and BU terminals are connected to a common terminal labeled N.C. The N.C. terminal is connected to a load labeled O~10V, which is in turn connected to L-. </p>



<p>PB2170 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Analogue output Sensing range 0...600bar 0...8700Psi 0...612kgf/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]	880
Burst pressure[bar]	880
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	<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 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 terminals: ① BN (top), ② WH (left), ③ BU (bottom), and ④ BK (right).</p>