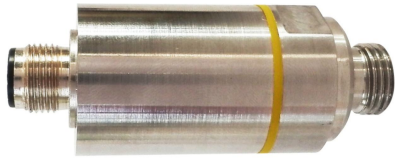
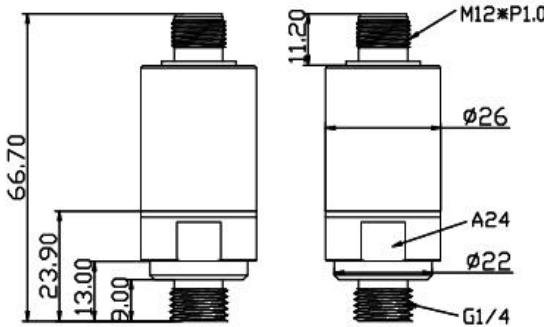


PC2162 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Switching output Sensing range 0...5bar 0...73Psi 0...5kgf/cm ²	 
Applications	Pressure: corresponding pressure Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	10
Burst pressure[bar]	20
Switching output	NPN NO/NC
Overload of switching output[mA]	300
Consumption	0.72W Max
Final value measured[%]	< ±1
Output response time[ms]	3
Ambient temperature [°C/°F]	-25...80/-13...176
Medium temperature [°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-40...100/-40...212
Protection/Enclosure Rating	IP68
Insulation resistance[MΩ]	> 100(500 V DC)
Dimensions[mm]	
ESD EN61000-4-2	4kV (Level 2)
EFT EN61000-4-4	2kV (Level 3)
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304

Probe material/Wetted Parts	V2A(1.4305);Ceramic;FPM (Viton); Probe: Stainless steel 316L
Connection	M12 socket
Wiring Core color Diagram of a 4-pin M12 socket. The pins are numbered 1 to 4. Pin 1 is BN (Brown), Pin 2 is WH (White), Pin 3 is BU (Blue), and Pin 4 is BK (Black). Wiring diagram showing an NPN transistor. The base is connected to pin 2 (WH). The emitter is connected to pin 3 (BU) and L-. The collector is connected to pin 1 (BN) and L+.	



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