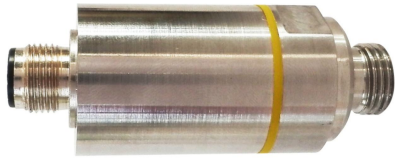
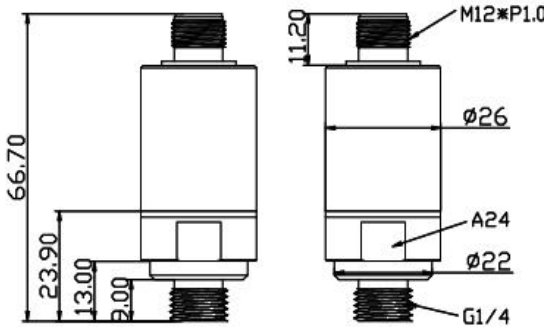


PC2145 Compact Pressure Sensor M12 socket Connection: External thread G1/4 Switching output Sensing range 0...50bar 0...724Psi 0...50 kgf/cm2	 CE RoHS
Applications	Pressure: corresponding pressure Liquid and gas
Supply voltage[V]	18...36DC
Reverse polarity protection	Yes
Voltage drop[V]	<2
Current consumption[mA]	<30
Overloading Pressure[bar]	100
Burst pressure[bar]	140
Switching output	PNP NO/NC
Overload of switching output[mA]	300
Consumption	0.72W Max
Final value measured[%]	< ±1
Output response time[ms]	3
Ambient temperature [°C/°F]	-25...80/-13...176
Medium temperature [°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-40...100/-40...212
Protection/Enclosure Rating	IP68
Insulation resistance[MΩ]	> 100(500 V DC)
Dimensions[mm]	
ESD EN61000-4-2	4kV (Level 2)
EFT EN61000-4-4	2kV (Level 3)
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304

Probe material/Wetted Parts	V2A(1.4305);Ceramic;FPM (Viton); Probe: Stainless steel 316L
Connection	M12 socket
Wiring Core color Diagram of a 4-pin M12 socket with color-coded pins: 1 BN, 2 WH, 3 BU, 4 BK.	Wiring diagram showing the connection of the 4-pin M12 socket to a PNP transistor. Pin 1 (BN) is connected to L+, Pin 2 (WH) is connected to the base of the PNP transistor, and Pin 3 (BU) is connected to L-.



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