
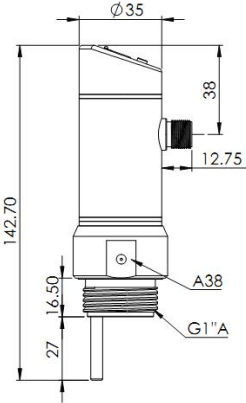
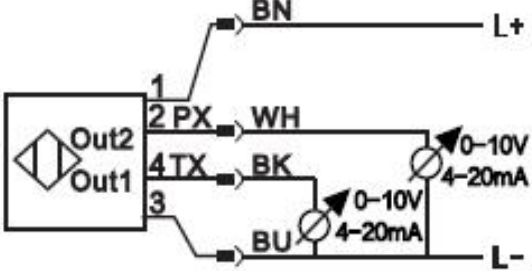
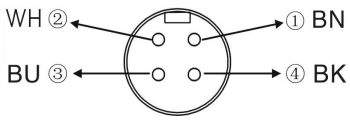


<p>PD1301 Electronic Pressure+Temperature Sensor M12 socket Connection: External thread G1" A Programmable Switching + Analogue output 3 digit display Sensing range -1...1 bar -14...14 Psi -1...1 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Negative pressure: corresponding pressure
	Liquid and gas
Electric design	DC 4...20mA , 0...10V
Output	4...20mA or 0...10V
Supply voltage[V]	18...36 DC
Short-circuit protection	Pulsed
Reverse polarity protection	Yes
Overload protection	Yes
Watchdog	Yes
Voltage drop[V]	<2
Current consumption[mA]	<60
Overloading Pressure [bar]	4
Burst pressure [bar]	5
Analogue output OUT2	4...20 mA / 0...10V (pressure)
Overload of analogue output[Ohm]	4...20 mA:Max. (Ub-10V) x 50 / 0...10V:Min. 2000
Switching output OUT1	PNP / NPN (temperature)
Overload of switching output [mA]	300
Setting range	
Switching point (SP)	-39.5...150 / -39...302
Reset point (rP)	-40...149.5 / -40...301
In steps of	0.5 / 1
Programming options	Hysteresis range / Window function; NO / NC; Calibration; Unit display; Output 2 setting: Current / Voltage output; Output 1 setting: NPN / PNP output; [°C/°F]
Temperature measurement range[°C/°F]	-40...150 / -40...302
switched output[°C/°F]	0.5 / 1
display[°C/°F]	0.5 / 1
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[KV]	6KV
EFT[KV]	2KV
Walkie talkie experiment[M]	<10
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	Stainless steel 316L
Medium contacting material	Ceramic/Stainless steel 316L/FPM (Vition)
Function Display	
Switching status LED	2 red LED
System pressure/Function LED	3 digit segment
Connection	M12 socket
Wiring	
Core color	
	



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