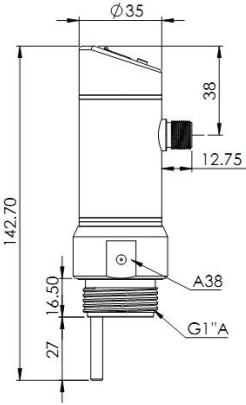
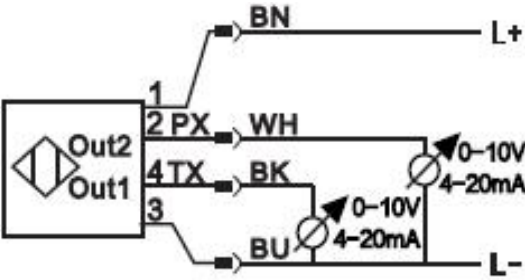
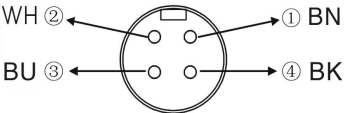


<p>PD1304 Electronic Pressure+Temperature Sensor M12 socket Connection: External thread G1" A Programmable Switching + Analogue output 3 digit display Sensing range 0...10 bar 0...145 Psi 0...10 kgf/cm2</p>	 <p>CE RoHS</p>
Applications	Pressure: corresponding pressure
	Liquid and gas
Electric design	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]	20
Burst pressure [bar]	35
Analogue output OUT2	4...20 mA / 0...10V (pressure)
Overload of analogue output[Ohm]	4...20 mA:Max. (U <sub>b</sub> -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)

<p>Dimension[mm]</p>	
<p>ESD[KV]</p>	<p>6KV</p>
<p>EFT[KV]</p>	<p>2KV</p>
<p>Walkie talkie experiment[M]</p>	<p>&lt;10</p>
<p>Shock resistance[g]</p>	<p>50</p>
<p>Vibration resistance[g]</p>	<p>20</p>
<p>Housing material</p>	<p>Stainless steel 304</p>
<p>Probe material/Wetted Parts</p>	<p>Stainless steel 316L</p>
<p>Medium contacting material</p>	<p>Ceramic/Stainless steel 316L/FPM (Vition)</p>
<p>Function Display</p>	
<p>Switching status LED</p>	<p>2 red LED</p>
<p>System pressure/Function LED</p>	<p>3 digit segment</p>
<p>Connection</p>	<p>M12 socket</p>
<p>Wiring</p>	
<p>Core color</p> 	



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