

PD1301 Electronic Pressure+Temperature Sensor M12 socket Connection: External thread G1" A Programmable Dual analogue output 3 digit display Sensing range -1...1 bar -14...14 Psi -1...1 kgf/cm2	 CE RoHS
Applications	Negative pressure: corresponding pressure
Electric design	Liquid and gas
Output	DC 4...20mA or 0...10V
Supply voltage[V]	4...20mA or 0...10V
Short-circuit protection	18...36 DC
Reverse polarity protection	Pulsed
Overload protection	Yes
Watchdog	Yes
Voltage drop[V]	Yes
Current consumption[mA]	<2
Overloading Pressure [bar]	<80
Burst pressure [bar]	4
Analogue output OUT2	6
Overload of analogue output[Ohm]	4...20 mA / 0...10V (pressure)
Analogue output OUT1	4...20 mA:Max. (Ub-10V) x 50 / 0...10V:Min. 2000
Overload of analogue output[Ohm]	4...20 mA / 0...10V (temperature)
Programming options	4...20 mA:Max. (Ub-10V) x 50 / 0...10V:Min. 2000
Temperature measurement range[°C/°F]	Calibration; Unit display; Output 1 setting: Current / Voltage output; Output 2 setting: Current / Voltage output; [°C/°F]
Switch output[°C/°F]	-40...150 / -40...302
Display[°C/°F]	0.5 / 1
Ambient temperature [°C/°F]	0.5 / 1
Medium temperature [°C/°F]	-25...80 / -13...176
Storage temperature[°C/°F]	-25...80 / -13...176
Protection/Enclosure rating	-40...100 / -40...212
Insulation resistance[MΩ]	IP68
	> 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/FKM
Function Display	
Switching status LED	2 red LED
System pressure/Function LED	3 digit segment
Connection	M12 socket
Wiring	
Core color	