

PD1321 Electronic Pressure+Temperature Sensor M12 socket Connection: External thread G1" A Programmable Dual swithcing output 3 digit display Sensing range -1...1 bar -14...14 Psi -1...1 kgf/cm2	 CE RoHS
Applications	Negative pressure: corresponding pressure
	Liquid and gas
Electric design	DC PNP / NPN
Output	 NO /NC 
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]	<80
Overloading Pressure [bar]	4
Burst pressure [bar]	6
Swithcing output OUT2	PNP/NPN (Pressure)
Overload of Swithcing output[mA]	300
Swithcing outpu OUT1	PNP/NPN (Temperature)
Overload of Swithcing output[mA]	300
Programming options	Hysteresis range/window function; Normally open/normally closed; Accurate offset; Display unit; Output setting OUT2: PNP/NPN output OUT1: PNP/NPN output
Temperature measurement range[°C/°F]	-40...150 / -40...302
Switch 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/FKM
Function Display	
Switching status LED	2 red LED
System pressure/Function LED	3 digit segment
Connection	M12 socket
Wiring	
Core color	

WH ②

BU ③

① BN

④ BK