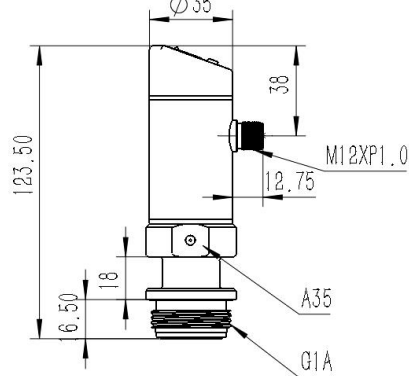
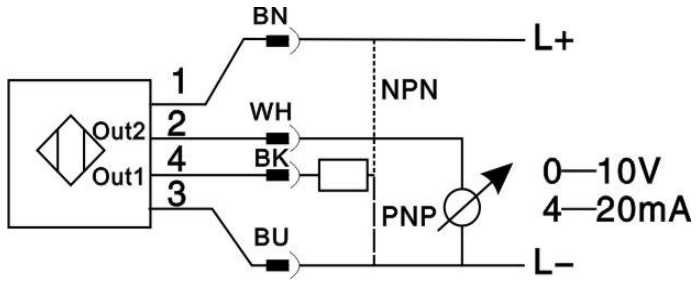
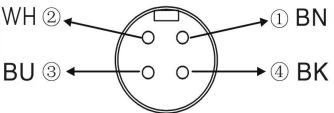


PE3301 Ex-Proof Sanitary Pressure Sensor M12 socket Connection: External thread G1"A Programmable Switching + Analogue output 4 digit display Sensing range -1...2bar -14...29Psi -1...2kgf/cm2	 
Ex-Proof classification	Ex nA IIC T4 Gc / Ex tD A21 IP67 T90°C
Applications	Corresponding pressure
Electric design	Liquid and Air
Output	DC PNP / NPN
Supply voltage[V]	NO  / NC  programmable, 4...20mA or 0...10V
Short-circuit protection	20...32DC
Reverse polarity protection	Pulsed
Overload protection	Yes
Watchdog	Yes
Voltage drop[V]	Yes
Current consumption[mA]	<2
Sensing range [bar]	<60
Overload pressure [bar]	-1...2
Burst pressure [bar]	4
Analogue output OUT2	6
Overload of analogue output[Ohm]	4...20 mA / 0...10V
Switching output OUT1	4...20 mA:Max. (Ub-10V) x 50 / 0...10V:Min. 2000
Overload of switching output [mA]	NPN/PNP
Setting range	300
Switching point (SP)	
Reset point (rP)	-0.98...2bar
In steps of	-0.99...1.99bar
Programming options	0.01bar
Deviations (% of final value measured)	Hysteresis range / Window function; NO / NC; Calibration; Unit display; Output 2 setting: Current / Voltage output; Output 1 setting: NPN / PNP output
Accuracy of switching point	±(0.2...0.5)
Characteristic deviation	< ±0.5
Hysteresis	< ±0.25
Stability of long-time use	< ±0.5

Ambient temperature [°C/°F]	-25...70/-13...158
Medium temperature [°C/°F]	-25...70/-13...158
	When used for non-explosive area: -25...125 (145 max/1h)/-13...257 (293 max/1h)
Storage temperature[°C/°F]	-40...100/-40...212
Protection/Enclosure rating	IP67/IP69K*
Insulation resistance[MΩ]	> 100(500 V DC)
Dimension	
ESD	6kV III
EFT	2kV III
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	4 digit segment
Connection	M12 socket
Wiring	
Core color	
	
Note*	Use sanitary adapter for IP69K (Optional accessory)
Installation notice	Use the wrench to tighten Ex-proof connector with 1.5Nm of torque