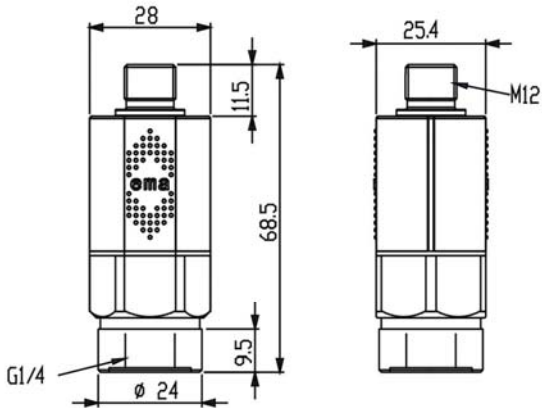
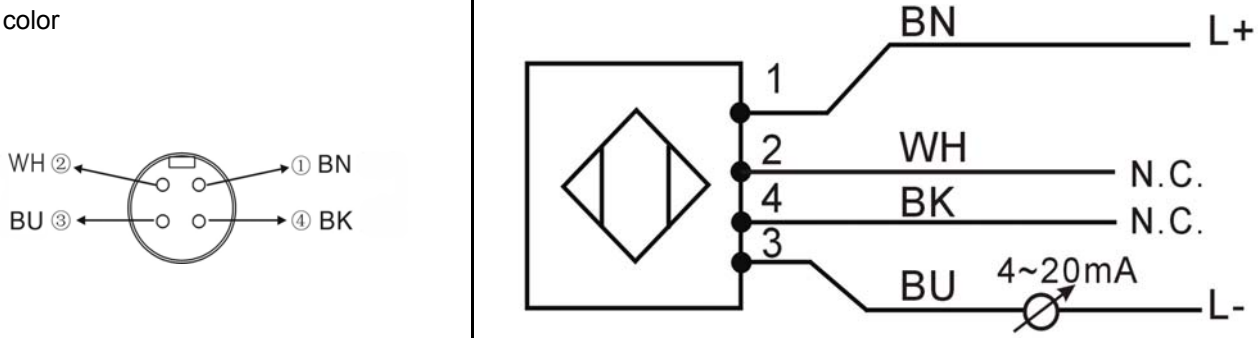


PB1101 Pressure transmitter Thread connction: G1/4 Analog output Sensing range 0...2bar 0...29PSI 0...0.2MPa	 CE RoHS
Application	Pressure: coressponding pressure Liquid and gas
Electric design	DC
Output	4...20mA Analog
Operating voltage [V]	8...36DC
Reverse polarity protection	Yes
Overload protection	Yes
Analog output	4...20mA
Loading for analog output [Ohm]	Max. (Ub-8V) x 50 ; 500 under UB = 24V
Pressure rating [bar]	4
Min. bursting pressure [bar]	7
Accuracy / Deviation [% of the final value]	
Characteristics deviation	< ±0.5
[Repeatability]	< 0.1
Max. temperature coefficient of zero point	0.1
Max. temperature coefficient of sensing range	0.2
Analog output response time [ms]	3
Operating temperature [°C]	-25...80
Medium temperature [°C]	-25...80
Storage temperature [°C]	-40...100
Procection classification	IP67
Insulation resistance [MΩ]	>100(500 VDC)
Dimension	

Shock resistance [g]	50
Vibration resistance [g]	20
Housing material	Stainless steel (S304) ; PA66+30%GF
Medium contacting material	V2A(1.4305);Ceramic ; FPM (Vition)
Connection	M12 socket
Wiring Core color	 The wiring diagram illustrates the terminal pin connections and core color coding for the device. On the left, a circular terminal block is shown with four pins labeled 1, 2, 3, and 4. Pin 1 is connected to BN (Blue), pin 2 to WH (White), pin 3 to BU (Blue), and pin 4 to BK (Black). On the right, the core color coding is shown: BN (Blue) is connected to L+, WH (White) is N.C. (Not Connected), BK (Black) is N.C. (Not Connected), and BU (Blue) is connected to L- with a current of 4~20mA.



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