



Designed for general industrial application, featuring compact structure, high quality and stable performance.

### FEATURES:

- Silicon Oil Sensor
- Standard Range from 0...0.07 to 0...1000 bar
- Output 4...20 mA
- Power Supply 10~30VDC
- Electrical Connection DIN43650
- Port Connection
- High Accuracy

### APPLICATIONS:

- General industrial applications
- Simple and reliable measurement in development and research

### PERFORMANCE PARAMETERS

Temperature 25°C, power 5VDC or 12VDC, RH%45~75%, Atmospheric pressure 86~106kPa

Pressure Range	0 ... 0.07 to 0 ... 1000bar				
Proof Pressure	≥150%F.S				
Accuracy at 25°C	±0.5%F.S standard, ±1%F.S optional, include no-linearity, hysteresis, repeatability, and calibration error				
Long-term Stability	±0.25%FS/year				
Response Time	≤10ms				
Operating Temperature	-40℃~85℃, but can't beyond the temperature of seal material				
Compensated Temperature	0℃~50℃				
Storage Temperature	-40℃~105℃				
Output Signal	4~20mA*	0~5VDC	1~5VDC	1~6VDC	0~10V
Current without Load	—	≤ 8 mA			
Output Load	≤ ( U - 8 ) / 0.023Ω	≥10KΩ			
Overvoltage	30VDC				
Reverse Voltage	-30VDC				
Insulate Resistance	≥100MΩ@100VDC				



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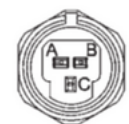
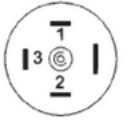


## PERFORMANCE PARAMETERS

Temperature 25°C, power 5VDC or 12VDC, RH%45~75%, Atmospheric pressure 86~106kPa

IP Rating	IP65
Random Vibration	10g, 5~2000Hz
Shock	X/Y/Z, 20g, sine 11ms
Drop (any Axis)	1m
Pressure Connector	G1/2, G1/4,*M20 1.5, NPT1/2, NPT1/4 and others
Connector Material	304 stain steel default,*316L stain steel and Titanium optional
Electrical Connection	DIN 43650 A*C or M12 x 1 or Packard or Cable outlet or others
Seal Material	NBR O-Ring default*(-20°C~+100°C), FKM optional (-15°C~+135°C) or others

\*Standard

## ELECTRICAL CONNECTIONS

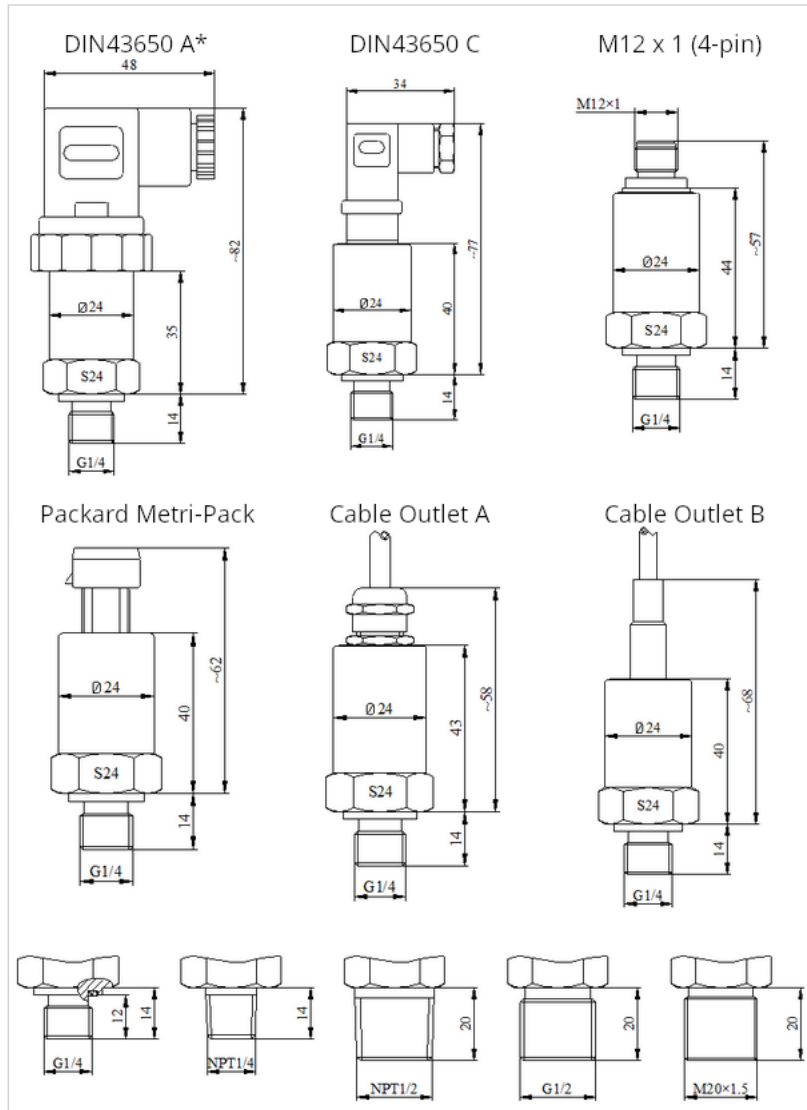
DIN 43650 A*		Packard Metri-Pack	
	U+ / I+ = 1		U+ / I+ = B
	U- / I- = 2		U- / I- = A
	S+ = 3		S+ = C
	Shield = 4 / Housing		Shield = Housing
DIN 43650 C		Cable outlet	
	U+ / I+ = 1		U+ / I+ = Red
	U- / I- = 2		U- / I- = Black
	S+ = 3		S+ = Green / Blue
	Shield = 4 / Housing		Shield = Housing / Yellow
M12 x 1(4 Pin)			
	U+ / I+ = 1		
	U- / I- = 3		
	S+ = 4		
	Shield = 2 / Housing		

\*Standard



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**DIMENSIONS**



**Stocked Pressure Ranges**

0-2 bar	0-16 bar	0-100 bar	0-400 bar
0-4 bar	0-25 bar	0-160 bar	0-700 bar
0-6 bar	0-40 bar	0-250 bar	
0-10 bar	0-60 bar	0-300 bar	