

KLINGER PS



Pressure transmitter

FEATURES

- » Advanced glass micro-melting technology, flexible overall structure design, no leakage hazard
- » Efficient lightning protection, anti-radio frequency and electromagnetic interference protection
- » Advanced digital temperature compensation function, wide operating temperature range
- » High precision, high frequency response, good long-term stability



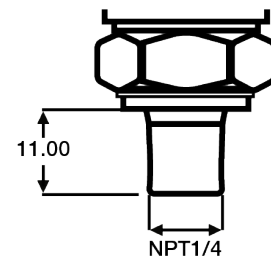
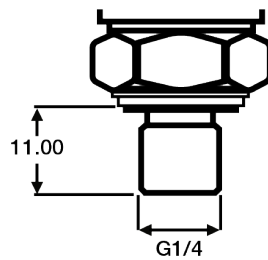
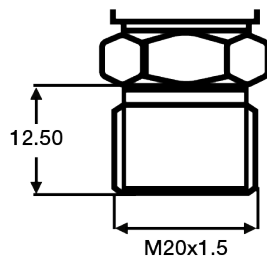
SCOPE OF APPLICATION

- » Industrial Process Detection and Control
- » Automated Detection System
- » Hydraulic and Pneumatic Control System
- » Pumping Station and Water Treatment System
- » Industrial Machinery Manufacturing

TECHNICAL PARAMETERS

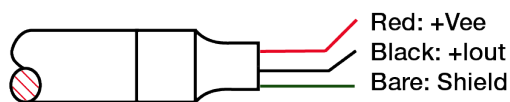
TYPE OF PRESSURE	Gauge pressure, absolute pressure, sealed pressure		
PRESSURE RANGE (BAR)	6 10 16 25 40 60 100 160 200 250 300 500 600		
SIGNAL OUTPUT	4~20mA 0.5-4.5VDC (proportional output) 0.5~4.5VDC 0~5VDC 0~10VDC		
SIGNAL LINE SPECIFICATIONS	2Wire 3Wire 3Wire 3Wire 3Wire		
SUPPLY VOLTAGE	9~30VDC 5VDC 9~30VDC 9~30VDC 15~30VDC		
PRECISION	± 0.5%FS ±1%FS	Breaking pressure	500%FS
LONG-TERM STABILITY (1 YEAR)	± 0.1%FS	Mechanical vibration	± 20g
RESPONSE FREQUENCY (-3DB)	3.2kHz	Impact (11ms)	100g
TEMPERATURE COMPENSATION	-20~+85 °C	Protection level	IP65
OPERATING TEMPERATURE	-40~+85 °C	Material	17-4PH
STORAGE TEMPERATURE	-40~+105 °C	Overload pressure	300%FS
ELECTRICAL CONNECTIONS	Directlead, M12 connector, Packard connector, Hirschmann (Mini), Hirschmann (DIN43650)		
PRESSUREPORT	M20x1.5 G1/4 NPT 1/4 (other customized as required)		
ELECTROMAGNETIC COMPATIBILITY (EMC)	EN61000-6		
CERTIFICATION ITEMS	CE RoHS		

PRESSURE PORT SIZE

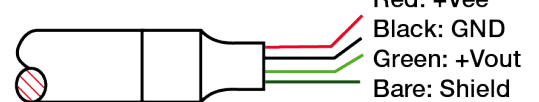


ELECTRICAL INTERFACE AND WIRING METHOD

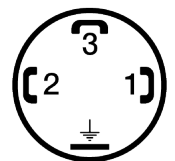
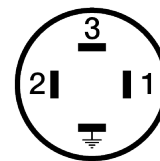
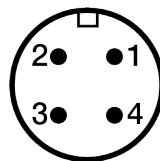
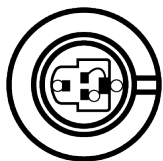
Currenttype



Voltage type



Directlead



4-20mA	A	+Vee	Red
	B	+Iout	Black
0.5-1.5VDC 0-5VDC 0-10VDC	A	+Vee	Red
	B	GND	Black
	C	+Vout	Green

Packard connector

4-20mA	1	+Vee	Red/Brown
	3	+Iout	Black/Blue
0.5-1.5VDC 0-5VDC 0-10VDC	1	+Vee	Red/Brown
	2	+Vout	Black/White
	3	GND	Green/Blue

M12 connector

4-20mA	1	+Vee	Red
	2	+Iout	Black
0.5-1.5VDC 0-5VDC 0-10VDC	1	+Vee	Red
	2	+Vout	Green
	3	GND	Black
	⏏		Shield

Hirschmann connector

STOCK VERSIONS

PS10	0..10BarG	G1/4	4..20mA	M12	±0,5% FS
PS250	0..250BarG	G1/4	4..20mA	M12	±0,5% FS
PS400	0..400BarG	G1/4	4..20mA	M12	±0,5% FS