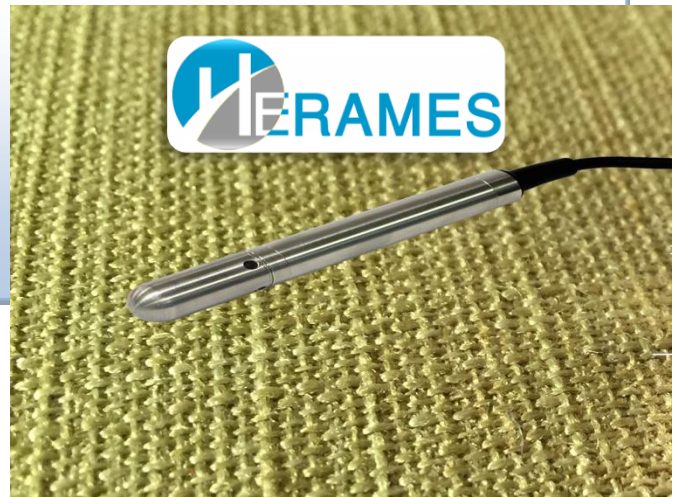


# PLM1

## Miniature Piezoresistive Submersible Level Transmitter



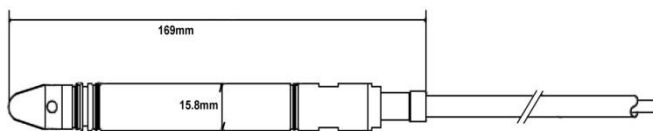
### Features

- Very Small Diameter(15.8mm)
- Suitable for Harsh Environment
- Wide Range of up to 200m
- High Accuracy
- Low Static and Thermal Errors
- Long term durable performance in harsh environment

### Technical Specs (Typ.)

Range:	Selectable between 0~1 to 0~200	m H <sub>2</sub> O
Accuracy (combined linearity, hysteresis, repeatability):	±0.25 (or others on request)	%Span
Pressure Reference:	Vented Gauge (or Sealed Gauge on request)	
Power Supply :	24 or 12	V <sub>DC</sub>
Output:	4-20	mA
	(or voltage output on request)	
Temperature Coefficient of Zero:	≤±0.03	%FS/°C
Temperature Coefficient of Span:	≤±0.03	%FS/°C
Long term stability (1 year):	≤±0.2	%Span
Pressure Overload	150	%FS
Pressure Cycles (Zero to Full Scale):	10+	Million
Compensated Temperature:	0 ~ 60	°C
Operating Temperature:	0 ~ 100	°C
Storage Temperature:	-40 ~ 125	°C
Electric Connection:	Cable with vent tube	
Process connection:	N/A (or others on request)	
Materials:	O-ring: Viton, Body: SS304, Diaphragm: SS316, Oil: Silicon / Olive	
Response time:	≤5	mS
Weight:	≤250 (without cable)	g
Protection Rate:	IP68	-

### Dimensions (mm)



### Wiring

#### Current output (4-20mA):

- Excitation+ : Red wire
- Output+ : Green wire

#### Voltage output:

- Excitation+ : Red wire
- Excitation- : Blue wire
- Output+ : Yellow wire

**Note:** All detail is subject to change without prior notice

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