

## JAYCEEPRESS Submersible Level Transmitter



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- Piezoresistive Silicon Chip Employed
- MEMS Technology
- Cable Ventilated
- Excellent long term stability
- Hart protocol selectable
- CE certificate

JAYCEEPRESS level transmitter is a standard and most economic transmitter applied in liquid level measuring. A high sensitivity piezoresistive silicon pressure chip is employed in the transmitter.

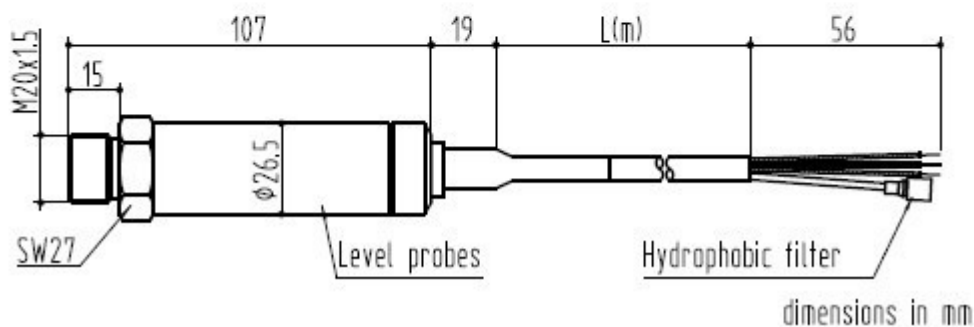
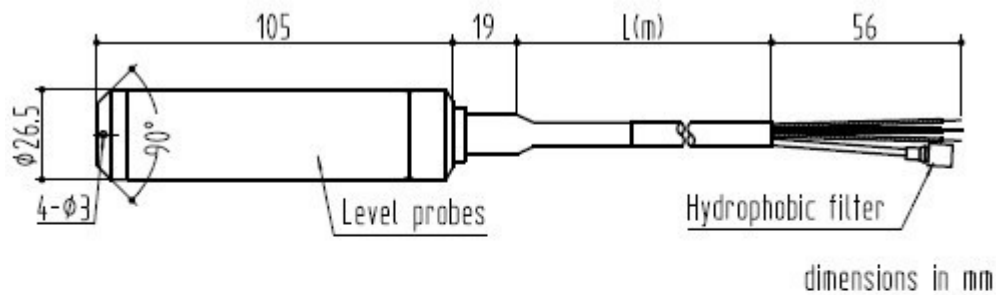
### Typical Application

Depth and level measurement in

- Wells
- Reservoirs
- Lakes
- Rivers
- Sewage treatment plant
- Water tank
- Ground water monitoring
- Surface water monitoring

Pressure	
Pressure range	1m, 2m, 5m, 10m, 20m, 50m, 100m, 200m H <sub>2</sub> O
Output Signal	
Output	4 to 20mA   0.5 to 4.5V   1 to 5V ( any one)
Performance	
Accuracy ( including linearity, hysteresis and repeatability)	±0.5%F.S.(Typical)
Overpressure	200%F.S.
Excitation	24V DC   5V
Compensated temp.	0--70° C
Medium temp.	0--60° C
Storage temp.	-40-125° C
Zero temp. coefficient	≤±0.03%F.S./ ° C
Span temp. coefficient	≤±0.03%F.S./ ° C
Long term stability	<0.2%F.S./year
Protection	IP68
Weight	245g(approx.)

Mechanical Drawing



Current (2 wire)

wire	connection
red	excitation+
green	Output+

Voltage (3 wire)

wire	Connection
red	excitation+
blue	excitation-
yellow	output+

How to order

Jayceepress    XX -    XX -    XX -    XX -    XX-    XX-    XX

**Pressure range**  
Please write directly

**Cable length in meter**  
Please write directly

**Housing material**  
D1: Stainless steel  
D2: Hastelloy

**Hart Protocol ( Not available)**  
H1: without Hart protocol  
H2: with Hart protocol

**Excitation**  
E1: 5VDC  
E2: 24VDC

**Pressure connection**  
A1: without pressure connection  
A2: M20\*1.5  
A3: G1/2  
A4: others (please specify)

**Output signal**  
S1: 4 to 20mA  
S2: 0.5 to 4.5V  
S3: 1 to 5V