

PRODUCT FEATURES

LEFOO

LFT3019

SMALL-DIAMETER LEVEL TRANSMITTER

PRODUCT OPERATION MANUAL



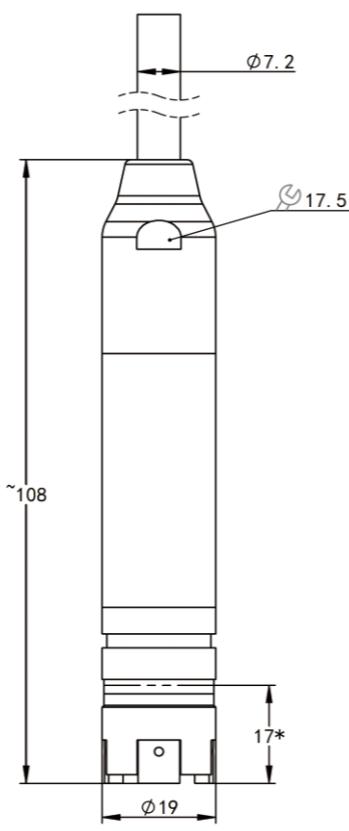
01

ELECTRICAL PROTECTION

Component	Material
Probe Housing	304
	316L
Sensor	Silicon Piezoresistive, 316L Stainless Steel
	FKM (-20 to 200°C)
O-Ring	NBR (-40 to 120°C)
	PU Ø7.2±0.2mm
Cable	NBR, Ø7.2±0.2mm

02

DIMENSION



01

SPECIFICATION

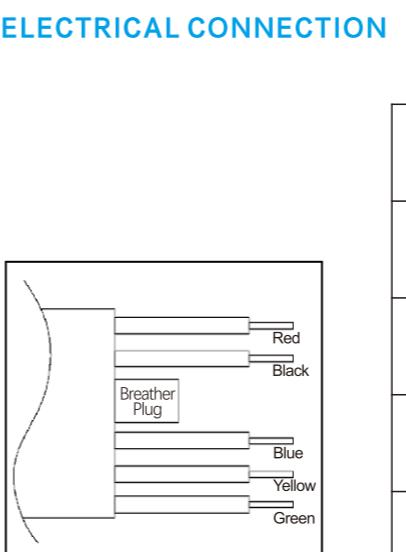
Measurement Range ^①	
Measurement Range	0~1...350mH ₂ O
Overload Pressure	1.5× full scale
Media	
Type	Liquids compatible with wetted materials
Output Signal & Power Supply	
Output Signal & Power Supply	2-wire: 4~20mA / Vs=10~30VDC 3-wire: 0~10V / Vs=12~30VDC 3-wire: 0~5V / Vs=10~30VDC 3-wire: 0.25~1.25, 0.5~2.5V/Vs=2.8~5.5VDC 4-wire: Modbus-RTU/RS485/Vs=10~30V
Performance	
Accuracy ^②	±0.25% F.S. (Standard Accuracy) ±0.1% F.S. (High Accuracy)
Long-Term Stability	±0.2% F.S./year (Standard Accuracy), ±0.1% F.S./year (High Accuracy)
Response Time	approx. 1 ms

Note①: Units can be converted to ftH₂O@4°C, inH₂O@4°C, m, mm, etc. For m/mm units, specify the medium's density.

Note②: Accuracy conforms to IEC 60770 (non-linearity, hysteresis, repeatability)

03

ELECTRICAL CONNECTION



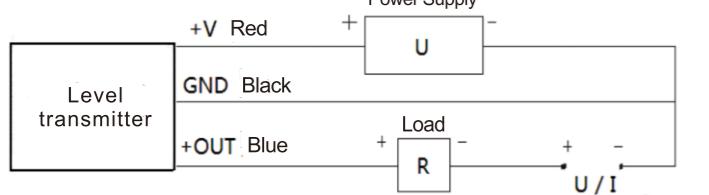
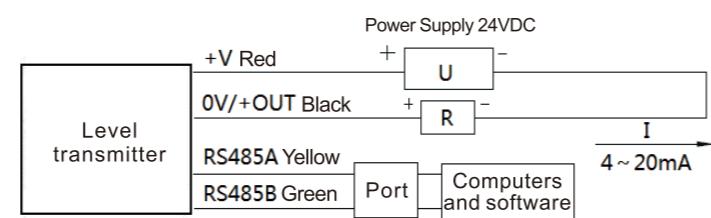
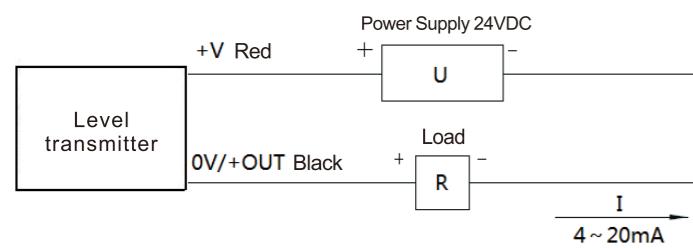
Wire Color	2-Wire 4~20 mA	3-Wire Voltage	Modbus-RTU/RS485
Red	+V (Power)	+V (Power)	+V (Power)
Black	0V / +OUT	GND (Common)	0V
Blue		+OUT (Signal)	
Yellow			RS485-A
Green			RS485-B

⚠ For gauge pressure models, ensure the breather plug remains dry and intact.

04

05

06



07

08