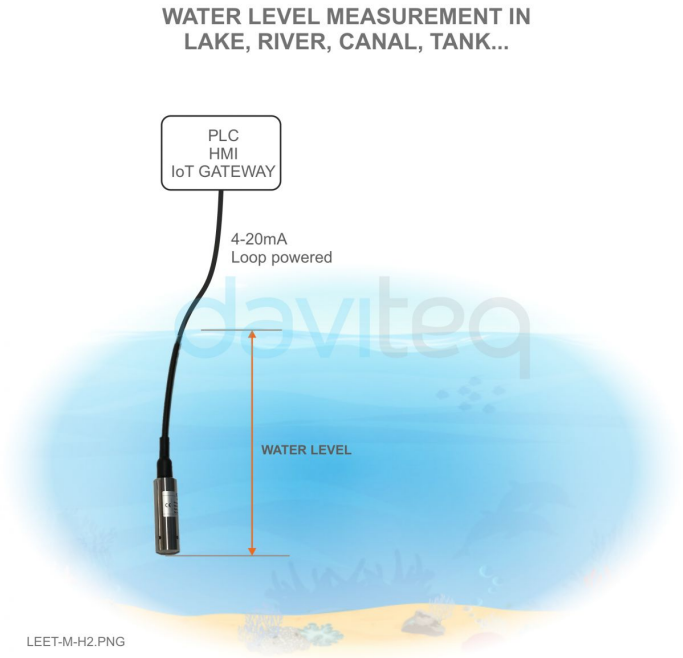
SUBMERSIBLE LIQUID LEVEL TRANSMITTER LEET-M

SKU: LEET-M

LEET-M-H1.PNG

LEET-M is a full sealed submersible level transmitter. It utilises the advanced piezo-resistive pressure sensor and high accurate measurement circuit to deliver high accuracy and very stable measurement. Integrated construction and standard signal provide the user easy and convenient installation for most applications. The special cable connects with housing, can be permanently immersed into the liquid for long time. LEET-M level transmitter has small size, light weight and good stability. It can be used for water or liquid measure and control of medicine, metallurgy, electricity, mine, city water supply and drainage, etc.

- **SUBMERSED IN 200M DEPTH OF WATER**
  Fully laser welding construction for stable operation
- **HIGH RELIABILITY AND STABILITY**
  Advanced Piezo-resistive technology
- **ATEX EXPLOSION-PROOF**
  Explosion-proof product conforms to Ex ia IIC T6
- **4-20MA LOOP POWERED**
  Easy to connect to any PLC, system...



LEET-M-H2.PNG

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SPECIFICATION

Range(FS)	Select 1, 5, 10, 20, 50, 100, 200mH2O
Overpressure	1.5 times FS
Accuracy	Range ≤ 50mH2O, accuracy +/-1.0% FS. Range > 50 mH2O, accuracy +/- 0.5% FS. For 0.2% and 0.1% accuracy, please contact us
Stability	Range > 10mH2O, ±0.2%FS/year. Range ≤ 10mH2O, 20mmH2O/year
Thermal drift	Range > 10mH2O, ±0.02%FS/℃. Range ≤ 10mH2O, ±0.05%FS/℃
Working temperature	-10℃~70℃, -10℃~60℃(Ex ia)
Storage temperature	-20℃~85℃
Power supply	11V~28VDC
Output signal	4mA~20mADC(2-wire, loop powered)
Load	≤(U-11)/0.02Ω
Housing	Stainless steel 1Cr18Ni9Ti
Diaphragm	Stainless steel 316L as standard, optional Tantalum
Cable material	φ7.5mm Polyethylene cable as standard, Optional Polyurethane cable
Cable length	2M additional of FS
Connector	No connector - flying leads as standard, optional M12-F connector
Ex approval	Optional ATEX Ex ia IIC T6

CONNECT WITH IoT GATEWAY

LEET-M-H3.PNG

CONNECT WITH WIRELESS TRANSMITTER

LEET-M-H4.PNG

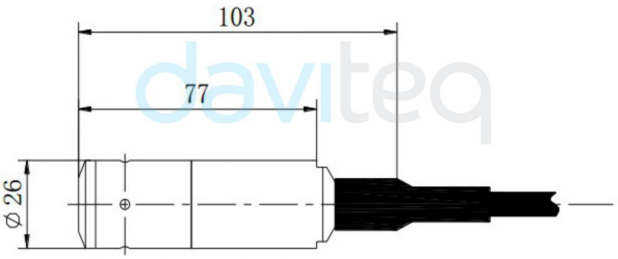
PRODUCT PACKAGE

LEET-M-H5.PNG

BLANK

LEET-M-H6.PNG

DIMENSION DRAWINGS



LEET-M-H7.PNG

WIRING

FLYING LEADS

Wire color	Connection
Black	+V
Red	0V/+OUT

M12-F CONNECTOR

1 - PWR+

4 - OUT

LEET-M-H8.PNG

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ORDERING INFORMATION

ITEM CODES	DESCRIPTIONS
LEET-M-01-001-SS-PE-FL	LEET-M submersible level transmitter, 316L SS diaphragm, PE cable, flying leads, 1mH20 FS
LEET-M-01-001-SS-PU-FL	LEET-M submersible level transmitter, 316L SS diaphragm, PU cable, flying leads, 1mH20 FS
LEET-M-01-001-TL-PE-FL	LEET-M submersible level transmitter, Tantalum diaphragm, PE cable, flying leads, 1mH20 FS
LEET-M-01-001-TL-PU-FL	LEET-M submersible level transmitter, Tantalum diaphragm, PU cable, flying leads, 1mH20 FS
LEET-M-01-001-SS-PE-M12	LEET-M submersible level transmitter, 316L SS diaphragm, PE cable, M12-F connector, 1mH20 FS
LEET-M-01-001-SS-PU-M12	LEET-M submersible level transmitter, 316L SS diaphragm, PU cable, M12-F connector, 1mH20 FS
LEET-M-01-001-TL-PE-M12	LEET-M submersible level transmitter, Tantalum diaphragm, PE cable, M12-F connector, 1mH20 FS
LEET-M-01-001-TL-PU-M12	LEET-M submersible level transmitter, Tantalum diaphragm, PU cable, M12-F connector, 1mH20 FS
LEET-M-02-020-SS-PU-FL	LEET-M submersible level transmitter, accuracy 0.2% FS, 316L SS diaphragm, PU cable, flying leads, 20 mH20 range
Notes	Replace 001 by other code for other measurement ranges as below
	005 - 5 mH20
	010 - 10 mH20
	020 - 20 mH20
	050 - 50 mH20
	100 - 100 mH20
	200 - 200 mH20
	Please pay attention that the media should be compatible with the contacted parts (housing, diaphragm, cable)
	For liquid is not water, the output must be scaled to its specific density
	Two kinds of cable are optional, polyurethane and polyethylene. The default is polyethylene. Polyurethane cable is more flexible and endurable
	When the product is used in thunder storm area, we suggest the user to use protection device to protect the product and power grounding reliably

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