



## Top five product features!

- *Monitors the level of liquids, viscous media and powders in processing tanks and pipes*
- *Provides reliable level indication in storage tanks and protects pumps from run-dry conditions*
- *High frequency capacitance technology suppresses residues, foam and deposit build-up*
- *Smooth PEEK sensing tip resists media from sticking*
- *Robust 316 stainless steel body withstands the harshest of environments*

## Point level sensor reliably suppress residues, splashes and foam

**NEW!** ifm's LMT Series point-level sensor is designed to monitor the level of viscous media and liquids in industrial automation environments.

The LMT provides reliable level indication of storage tanks and protects pumps from run dry protection. ifm's patented high frequency (MHz) capacitive spectrum profiling technology enables the sensor to differentiate between actual product in a tank or only residue.

The 316 stainless steel housing and PEEK sensing tip form a completely sealed unit that prevents liquid ingress and has a high protection rating of IP68/IP69K. A bright LED indicates output status. Units are available with various probe lengths and cover a wide range of applications.

The one-piece LMT is easy to mount and is factory preset for the most commonly used media.



*The LMT sensor is ideal for pipe level applications and eliminates obstructions in the flow path that reduce throughput.*



*The LMT Series level sensor offers reliable level detection in tanks, indicating high or low levels of oils, water and powder-based media.*



## Product + accessory selector

Type	Process Connection	Insertion Length (mm)	Factory Default Media Setting	Programmable	Medium Temp Water-Based	Medium Temp Oil-Based	Part No.
<b>2 x PNP / NPN · N.O. / N.C. Programmable</b>							
	G 1/2	12	Water-based	No	32...185 °F	32...212 °F	<b>LMT100</b>
	G 1/2	12	Oil/powder-based	No	32...185 °F	32...212 °F	<b>LMT110</b>
	G 1/2	12	Dissolved sugars	Yes	-40...185 °F	-40...212 °F	<b>LMT121</b>
	G 1/2	153	Water-based	Yes	-4...185 °F	-4...212 °F	<b>LMT104</b>
	G 1/2	253	Water-based	Yes	-4...185 °F	-4...212 °F	<b>LMT105</b>
	1/2" NPT	38	Water-based coolants	Yes	-4...185 °F	-4...212 °F	<b>LMC502</b>

### Required Accessories for G 1/2 Sensors

Type	Description	Part No.
	Welding adapter for tanks	<b>E43300</b>
	Welding adapter for pipes	<b>E43301</b>
	3/4" NPT adapter	<b>E43313</b>

### Optional Accessories

Type	Description	Part No.
	USB IO-Link master cable connects PC to master	<b>E30396</b>
	LineRecorder Sensor App, Software for parameter setting	<b>ZGS210</b>
	Sealing plug	<b>E43308</b>
	Heat sink welding mandrel	<b>E43314</b>

### Cordsets

Type	Description	Part No.
	M12 Micro DC (4-pin) 2 m, PUR	<b>EVC001</b>
	M12 Micro DC (4-pin) 5 m, PUR	<b>EVC002</b>
	M12 Micro DC (4-pin) 10 m, PUR	<b>EVC003</b>
	M12 Micro DC (4-pin) 2 m, PUR	<b>EVC004</b>
	M12 Micro DC (4-pin) 5 m, PUR	<b>EVC005</b>
	M12 Micro DC (4-pin) 10 m, PUR	<b>EVC006</b>

### Technical Specs

Operating Voltage:	18...30 V DC
Current Rating:	100 mA
Housing materials:	316L stainless steel
Materials wetted parts:	PEEK
	PEEK, 316L stainless steel, Viton™: LMT104, LMT105
Protection:	IP 68 / IP 69K
Ambient temp:	-40...185 °F

Can't find the right sensor for your application, call 800-441-8246 or visit [www.ifm.com/us](http://www.ifm.com/us)



### Reliable service center

The ifm service center team provides tech support, product quotes, delivery information and order placement.

-  Place orders, tech support  
800-441-8246
-  Visit our product catalog  
[www.ifm.com/us](http://www.ifm.com/us)
-  Shop for products online  
Easy ordering via eShop