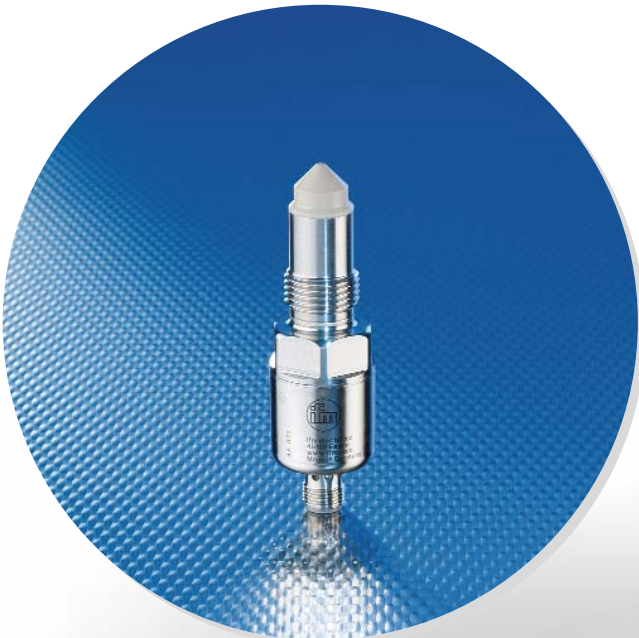**product news**

ifm electronic

New level sensor, ignores foam and build up.

Hygienic point level sensor with complementary output.

- **Default setting at the factory makes adjustment to the medium unnecessary.**
- **Hygienic design with maintenance-free sealing concept.**
- **Robust stainless steel housing with laser type label for durable legibility.**
- **Resistant to foam and deposits.**
- **Easy mounting thanks to orientation-independent installation.**

EHEDG certified | CIP/SIP | IP 68 IP 69 K | FDA
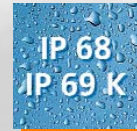
Level under control

The new hygienic point level sensor LMT safely monitors the level in storage tanks or protects pumps against running dry. Its compact sensor tip allows integration even in small DN25 pipes.

Plug & Play

The factory setting to different types of media makes adjustment unnecessary, even for viscous and sticky products such as ketchup.

The unit is selected using an extensive media list.

Food-grade

The sensor with its high-quality housing materials such as high-grade stainless steel (316L / 1.4404) and PEEK meets all requirements for hygienic areas.

A lasered type label for durable legibility as well as the high protection rating IP 68 / IP 69K for cleaning processes are natural.

fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

Fluid sensors and diagnostic systems

Process connection	Maximum process pressure [bar]	Application	Protection	Order no.
M12 connector · output function ⌐_ / _⌐ complementary · 4-wire DC PNP				
G 1/2	-1...16	hydrous media*	IP 68 / IP 69K, III	**LMT100**
G 1/2	-1...16	oils, fats, bulk materials*	IP 68 / IP 69K, III	**LMT110**

* For a detailed media list see **www.ifm.com**

Accessories

Type	Description	Order no.
	Adapter G 1/2 I – Clamp 1"–1.5"	**E33401**
	Adapter G 1/2 I – Clamp 2"	**E33402**
	Welding adapter ball, G 1/2	**E30055**
	Welding adapter collar, G 1/2	**E30056**
	Welding adapter, cylindrical, G 1/2	**E43300**
	Welding adapter, cylindrical for pipes, G 1/2	**E43301**
	Adapter G 1/2 I – G 3/4 A	**E43302**
	Adapter G 1/2 I – G 1 A	**E43303**
	Adapter G 1/2 I – DIN 11851 DN25	**E43304**
	Adapter G 1/2 I – DIN 11851 DN40	**E43305**
	Adapter G 1/2 I – Varivent D50	**E43306**
	Adapter G 1/2 I – Varivent D68	**E43307**
	Cover plug G 1/2	**E43308**

Accessories 3-A

Type	Description	Order no.
	Welding adapter, cylindrical, G 1/2 (3-A)	**E43309**
	Welding adapter, cylindrical for pipes, G 1/2 (3-A)	**E43310**
	Adapter G 1/2 I – Clamp 1"–1.5" (3-A)	**E43311**
	Adapter G 1/2 I – Clamp 1"–2" (3-A)	**E43312**

Further technical data		
Operating voltage	[V]	18...30 DC
Current rating	[mA]	50
Medium temperature Hydrous media	[°C]	0...85 / 150 (1 h)
Medium temperature Oils, fats, bulk materials	[°C]	0...100 / 150 (1 h)
Housing materials		PEEK, high-grade stainless steel (316L/1.4404), PA12, FPM
Materials (wetted parts)		PEEK
Shock resistance	[g]	50
Vibration resistance	[g]	20
Ambient temperature	[°C]	0...60
EMC closed tanks: open tanks:		EN 6100-6-2:2005 EN 6100-6-3:2006 EN 6100-6-4:2006
Function display Switching status	LED	yellow

Wiring diagram
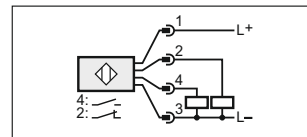
Connectors and splitter boxes

Type	Description	Order no.
	Socket, M12, 5 m orange, PVC cable	**EVT001**
	Socket, M12, 10 m orange, PVC cable	**EVT002**
	Socket, M12, 5 m orange, PVC cable	**EVT004**
	Socket, M12, 10 m orange, PVC cable	**EVT005**
	Socket, M12, 5 m orange, PVC cable, LED	**EVT007**
	Socket, M12, 10 m orange, PVC cable, LED	**EVT008**