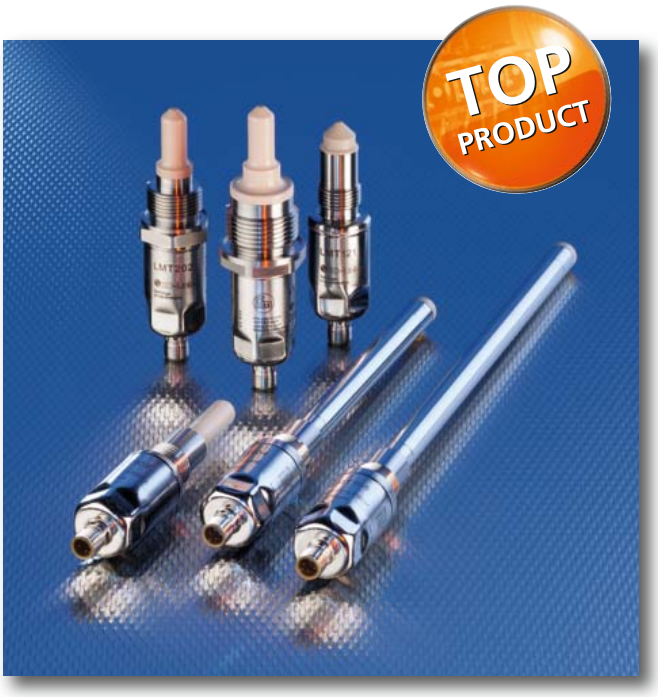
Hygienic point level sensor perfectly suppresses deposits



Reliable and fast alternative to tuning forks

- **Flexible installation independent of the orientation**
- **Shock and vibration resistant in a robust stainless steel housing**
- **Factory set for simple “plug & play”**
- **Differentiation of media by switch point setting**
- **Hygienic design with maintenance-free sealing concept**

Level under control

The LMT family reliably monitors the level in storage tanks or protects pumps against running dry. The different lengths and process connections allow application-specific and orientation-independent installation.

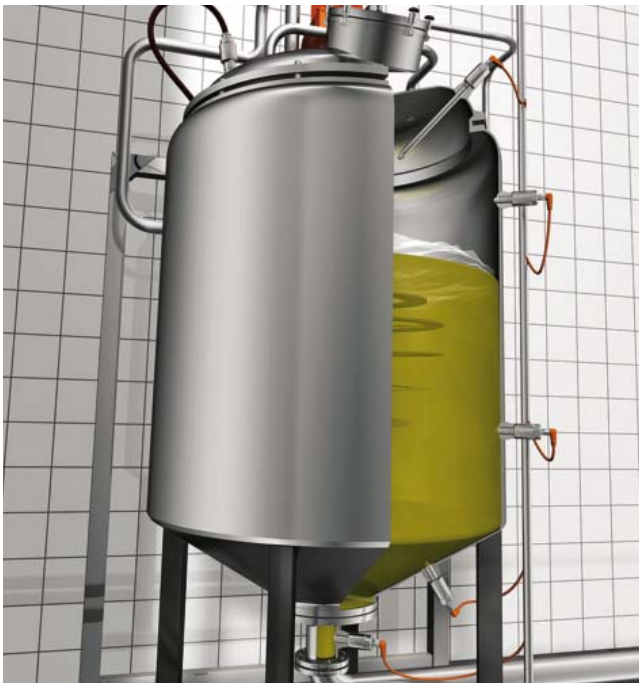
Versatile sensor for all media

The LMT can be set to almost any liquid or viscous media and bulk materials.

The distinction of two media is possible due to the two switching outputs which can be set independently. The parameters can be set via IO-Link and USB interface accessory E30396.

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. This includes approvals such as EHEDG, 3A and also FDA.



The LMT point level sensor protects the pump from running dry.

Process connection	Installation length [mm]	Approval	Medium temperature water-based media [°C]	Medium temperature oils, fats, bulk materials [°C]	Order no.
Medium: Aqueous media M12 connection · output function 2 x NO/NC programmable · 4-wire DC PNP · IO-Link 1.1					
G 1/2	12	EHEDG, FDA, 3A	0...85	0...100	**LMT100**
G 1/2	38	EHEDG, FDA, 3A	-20...85	-20...100	**LMT102**
G 3/4	28	EHEDG, FDA	-20...85	-20...100	**LMT202**
G 1	38	EHEDG, FDA	-20...85	-20...100	**LMT302**
G 1/2	153	EHEDG, FDA	-20...85	-20...100	**LMT104**
G 1/2	253	EHEDG, FDA	-20...85	-20...100	**LMT105**
Medium: Oils, fats, powders M12 connection · output function 2 x NO/NC programmable · 4-wire DC PNP · IO-Link 1.1					
G 1/2	12	EHEDG, FDA, 3A	0...85	0...100	**LMT110**
Medium: Sugary media with low water content M12 connection · output function 2 x NO/NC programmable · 4-wire DC PNP · IO-Link 1.1					
G 1/2	12	EHEDG, FDA, 3A	-40...85	-40...100	**LMT121**

Accessories

Type	Description high-grade stainless steel	Order no.
	Clamp adapter G 1/2 female – Clamp 1"– 1.5"	**E33401**
	Clamp adapter G 1/2 female – Clamp 2"	**E33402**
	Welding adapter ball, G 1/2	**E30055**
	Welding adapter collar, G 1/2	**E30056**
	T-piece, DN 25	**E43316**
	T-piece, DN 40	**E43317**
	T-piece, DN 50	**E43318**
	Welding adapter, cylindrical, for tanks, G 1/2	**E43300**
	Welding adapter, cylindrical, for pipes, G 1/2	**E4330**
	Screw-in adapter G 1/2 female – G 3/4 male	**E43302**
	Screw-in adapter G 1/2 female – G 1 male	**E43303**
	Screw-in adapter G 1/2 female – 3/4 NPT	**E43313**
	Clamp adapter, G 1/2 female – Varivent D50	**E43306**
	Clamp adapter, G 1/2 female – Varivent D68	**E43307**
	Clamp adapter with leakage port, G 1/2 female – Clamp 1"– 1.5" (3-A)	**E43311**
	Clamp adapter with leakage port, G 1/2 female – Clamp 1"– 2" (3-A)	**E43312**
	Welding adapter G 1/2, long design for deeper installation	**E43319**

Further technical data		
Operating voltage	[V]	18...30 DC
Current rating	[mA]	100
Medium temperature	[°C]	150 (max. 1 h)
Housing materials		PEEK, high-grade stainless steel (316L/1.4404), PA12, FPM
Materials wetted parts		PEEK, high-grade stainless steel (316L/1.4404), FPM
Protection		IP 68 / IP 69K, III
Shock resistance	[g]	50
Vibration resistance	[g]	20
Ambient temperature	[°C]	-40...85
EMC Closed tanks: Open tanks:		EN 6100-6-2:2005 EN 6100-6-3:2006 EN 6100-6-4:2006

Accessories

Type	Description	Order no.
	IO-Link interface for parameter setting and analysis of units with DTM specification, current consumption via USB port: max. 500 mA	**E30396**
	Memory plug, parameter memory for IO-Link sensors	**E30398**
	LINERECORDER SENSOR, software for parameter setting and set-up of IO-Link sensors	**ZGS210**