

Maintenance-free overflow protection to WHG*



Reliable and fast alternative to tuning forks

- Flexible installation independent of the orientation
- Shock and vibration resistant in a robust stainless steel housing
- Plug & Play – Factory default setting to hydrous media
- Can be set to other media such as oil using IO-Link
- Suppression of deposits



Reliable and flexible

The LMTx9x sensor family provides dependable overflow protection. Different lengths and process connections allow versatile and position-independent installation.

IO-Link creates transparency

The sensors can be adjusted to all liquids that are hazardous to water. Parameters are conveniently set on the PC or via IO-Link and USB interface. The digital transmission of measured values creates maximum transparency.

Robust

The high-quality high-grade stainless steel housing is shock and vibration resistant.



* German Federal Water Act

In spite of harsh conditions such as foam or deposits LMT194 reliably prevents overflow of the tank.

Process connection	Installation length [mm]	Medium temperature water-based media [°C]	Medium temperature oils, fats, bulk materials [°C]*	Order no.
Medium: Aqueous media · Can be set to other media using IO-Link 1.1 M12 connector · 4-wire DC PNP				
G 1/2	12	0...85	0...100	LMT191
G 1/2	38	0...85	0...100	LMT192
G 3/4	28	0...85	0...100	LMT292
G 1	38	0...85	0...100	LMT392
G 1/2	153	0...85	0...100	LMT194
G 1/2	253	0...85	0...100	LMT195



* For operation to WHG

Accessories

Type	Description High-grade stainless steel	Order no.
	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
	Welding adapter ball, G 1/2	E30055
	Welding adapter collar, G 1/2	E30056
	Welding adapter, cylindrical, for tanks, G 1/2	E43300
	Welding adapter, cylindrical, for pipes, G 1/2	E43301
	Welding adapter, long design for deeper installation, G 1/2	E43319
	Clamp adapter, G 1/2 female – Clamp 1"–1.5"	E33401
	Clamp adapter, G 1/2 female – Clamp 2"	E33402
	Welding mandrel, G 1/2	E43314
	Sealing plug, G 1/2	E43308

Further technical data		
Operating voltage	[V]	18...30 DC
Current rating	[mA]	100
Max. medium temperature (WHG)	[°C]	100
Housing materials		PEEK; high-grade stainless steel (316L/1.4404), PA12, FPM
Materials in contact with the medium		PEEK; high-grade stainless steel (316L/1.4404), FPM
Protection		IP 68 / IP 69K, III
Shock resistance	[g]	50
Vibration resistance	[g]	20
Max. ambient temperature (WHG)	[°C]	0...85
EMC		EN 6100-6-2:2005 EN 6100-6-3:2006 EN 6100-6-4:2006
Closed tanks:		
Open tanks:		

Accessories

Type	Description	Order no.
	IO-Link interface for parameter setting and analysis of units with DTM specification, current consumption from USB port: max. 500 mA	E30396
	LINERECORDER SENSOR, software for parameter setting and setting up IO-Link sensors	QA0001