

# Level sensor with modular transmitter concept



## Reliable and precise medium detection in hygienic applications

- Installation adjustment for optimum setting to the installation situation
- Aseptoflex Vario thread for a multitude of process adapters
- Probe lengths of 15...200 cm
- Suitable for medium temperatures up to 150 °C



### Versatile use

Whether smaller storage tanks, compensating tanks, separators or in filling processes: There are no limits to applications for LR. Even adverse operating conditions such as foam or high temperature do not affect precise level detection.

### Successful thanks to modular concept

The probes can be shortened, or changed, so the LR reduces stock-keeping and simplifies replacement. IO-Link means the fiddly parameter setting on the device is a matter of the past.

### Resistant materials

High-quality materials such as PEEK and EPDM as sealing material or the high-grade stainless steel housing are suitable for internal and external cleaning and resist the most adverse operating conditions.




Process connection	Medium temperature [°C]	Max. tank pressure [bar]	Protection rating/ protection class	Order no.
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<b>M12 connector · IO-Link 1.1</b>				
Aseptoflex Vario	-40...150	-1...40	IP 69K, III	LR2750




**Accessories**

Type	Description	Order no.
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**Probes for hygienic LR processes**

	0.15 m, high-grade stainless steel (316L/1.4404)	<b>E43345</b>
	0.3 m, high-grade stainless steel (316L/1.4404)	<b>E43346</b>
	0.5 m, high-grade stainless steel (316L/1.4404)	<b>E43340</b>
	0.7 m, high-grade stainless steel (316L/1.4404)	<b>E43347</b>
	1.0 m, high-grade stainless steel (316L/1.4404)	<b>E43341</b>
	1.5 m, high-grade stainless steel (316L/1.4404)	<b>E43348</b>
	2.0 m, high-grade stainless steel (316L/1.4404)	<b>E43342</b>

**Aseptoflex Vario adapter**

	Pipe fitting, DN40 (1.5")	<b>E33212</b>
	Pipe fitting, DN50 (2")	<b>E33213</b>
	Clamp adapter, Clamp 1-1.5"	<b>E33201</b>
	Clamp adapter, Clamp 2"	<b>E33202</b>
	Welding adapter, Ø 50 mm	<b>E30122</b>



**IO-Link**

	IO-Link interface for parameter setting and analysis of units with DTM specification, current consumption from USB port: max. 500 mA	<b>E30396</b>
	Memory plug, parameter memory for IO-Link sensors	<b>E30398</b>
	LINERECORDER SENSOR, software for parameter setting and setting up IO-Link sensors	<b>QA0001</b>

**Further technical data**

Operating voltage	[V]	18...30 DC
Current rating	[mA]	200
Current consumption	[mA]	< 80
Power-on delay time	[s]	≤ 3
Dielectric constant medium		> 5
Ambient temperature	[°C]	-40...80
Metals in contact with the medium		high-grade stainless steel (316L/1.4404), PEEK, EPDM
Housing materials		high-grade stainless steel (316L/1.4404), PEI, PFA, PBT, FKM
IO-Link device type of transmission		1.1

**Connection technology**

Type	Description	Order no.
	Socket, M12, 4-pole, 5 m orange, PVC cable	<b>EVT001</b>
	Socket, M12, 4-pole, 2 m orange, PVC cable	<b>EVT064</b>
	Socket, M12, 4-pole, 5 m orange, PVC cable	<b>EVT004</b>
	Socket, M12, 4-pole, 2 m orange, PVC cable	<b>EVT067</b>

ifm article no. 78001405 · We reserve the right to make technical alterations without prior notice. · 04.2015