



Non-contact level measurement

Hygienic radar level sensor with IO-Link

- 80 GHz frequency enables level measurement with millimetre precision of up to 10 metres
- Non-contact measuring principle, therefore no problems from deposits or wear
- Certified for use in hygienic areas
- Remote sensor parameter setting and level monitoring via connection to the IT system



ifm – close to you!

Process connection	Outputs	Frequency range [GHz]	Order no.
Aseptoflex Vario G1	2 switching outputs or 1 switching and 1 analogue output 4...20 mA	77-81	LW2720
Aseptoflex Vario G1	2 switching outputs or 1 switching and 1 analogue output 4...20 mA	76-77	LW2760*

*Available for India and Malaysia

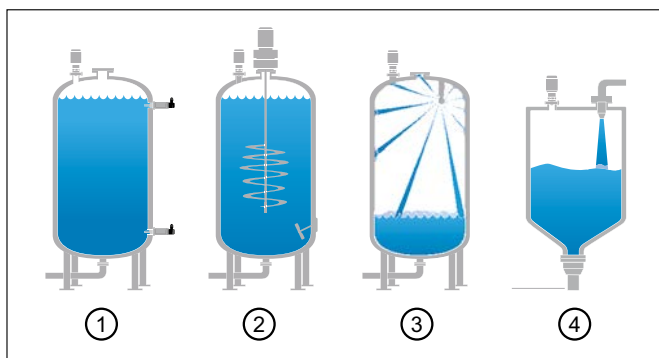
Trouble-free monitoring of large tanks

With the LW2720 level sensor, levels of liquid media in tanks with a height of up to 10 metres can be monitored precisely and without blind areas. The non-contact radar measuring principle prevents malfunctions or failures of the sensor caused by the adhesion of viscous media or damage from agitators.

The 80 GHz frequency used ensures stable and precise measurement results even in the presence of steam or condensate in the tank. The sensor is designed for use in hygienic areas, so that even CIP and SIP processes or the use of spray balls do not impair its proper functioning.

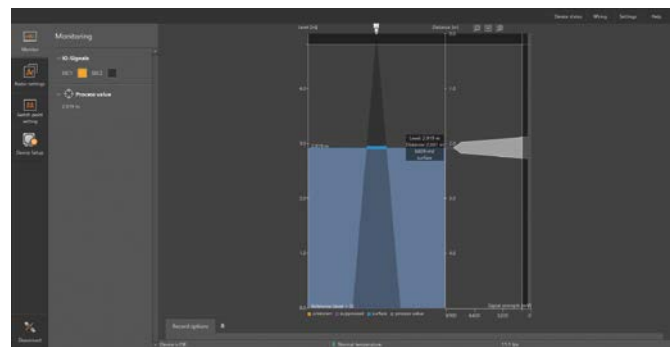
More convenience thanks to IO-Link

The powerful LW2720 package is completed by the following comfort factors: Sensor installation only takes a few minutes, and sensor parameters can be conveniently set and read out remotely via IO-Link.



- 1) Storage tank
- 2) Mixing tank
- 3) CIP process
- 4) Batch filling

Common technical data		
Measuring range	[m]	0.01...10
Measuring accuracy	[mm]	± 2
Measuring principle		FMCW (80 GHz)
Protection rating		IP69K



View measurement behaviour in real time

The freely available Vision Assistant software enables intuitive set-up of the sensor and clear visualisation of the process values. The behaviour of the sensor can be viewed in real time and reliable measurement ensured.

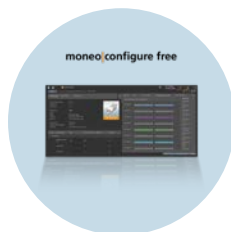
BEST FRIENDS

We reserve the right to make technical alterations without prior notice. - 02.2024
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen



Starterkit

Hardware and software for testing the LW2720 via IO-Link



moneo|configure free

Software for parameter setting of the IO-Link infrastructure



IO-Link interface

For setting the parameters of IO-Link devices on the PC



For further technical details, please visit:
ifm.com/fs/LW2720