

Flat CFDK 25 capacitive sensor with versatile mounting options

- Versatile mounting options
- Space-saving installation
- Snap-in/snap-out without tools

Snap-in without tools

- Removable containers can be replaced while the sensor stays on the machine
- The sensor can comfortably be added after an easy subassembly of the frame



1 Fix the frame



2 snap in the sensor and ready!



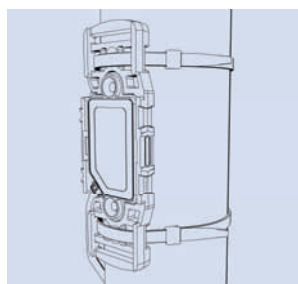
CFDK 25 – Space-saving plug-and-play solution

The sensor with only 6 mm installation height is suitable for all applications where space is a critical factor.

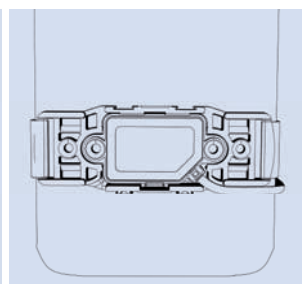
Mounted directly onto tanks, it detects fill levels of liquids. Countersunk flush beneath a conveyor band it can detect objects on it.

Various fixed sensing distances of 2 to 15 mm turn the CFDK 25 into a plug-and-play solution.

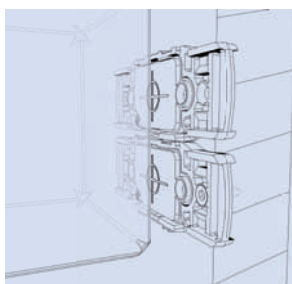
Versatile mounting options...



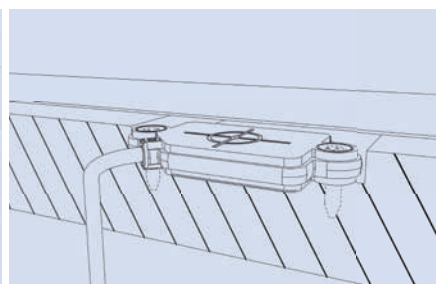
on a standpipe with cable ties



on a tank with Velcro fastener or glued



cascaded and screwed onto the wall behind a tank



screwed in place flush beneath a conveyor belt

Product overview

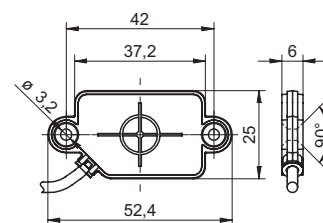
Product code	Sensing distance	Mounting type	Designed for
CFDK 25G1125/LN1	2 mm	Shielded	Film-forming liquids with high dielectric constant
CFDK 25G1125/LN3	4 mm	Shielded	Hydrous liquids and media with low dielectric constant
CFDK 25G1125/LN5	12 mm	Shielded	Object detection under very confined installation conditions
CFDK 25G1125/LN6	15 mm	Unshielded	Detection of imprecisely positioned objects
HC25-1 Assembly frame			Fixation, quick (dis-)assembly

Technical data

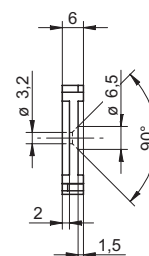
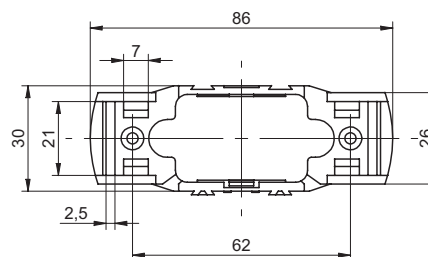
Housing material	PA12
Operating temperature	-25 ... +75 °C
Connection types	PVC cable / M8 flylead connector
Protection class	IP 65

Dimensional drawing

Sensor



Assembly frame



For more information visit www.baumer.com/news/551

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