

Perfectly setting the switch point

Chemically resistant capacitive sensors

- Unique visualisation and operating concept via LED display
- See and readjust deviations of the switch point
- Chemically resistant PP housing
- Free from PFAS
- High electromagnetic compatibility



ifm – close to you!

Type	Setting range [mm]	Output	Connection cable	Order no.
M18	0.5...30	PNP	2 m PUR, 3-wire	KG6015
M18	0.5...30	NPN	2 m PUR, 3-wire	KG6016
M30	0.5...40	PNP	10 m PUR, 3-wire	KI6005
M30	0.5...40	NPN	10 m PUR, 3-wire	KI6006

Perfect switch point setting

The new capacitive sensors impress with their outstanding technical data and the innovative, patented ifm visualisation concept. The sensor's LED bar display enables the ideal adjustment of the switch point to the application conditions. The switch point is always in the centre of the display, green LEDs on both sides indicate the reliability. Deposits and material changes are directly visible so that the switch point can be easily and precisely readjusted using a potentiometer or IO-Link.

Chemically resistant

The robust and chemically resistant PP housing is specially designed to last in areas with acids and alkalis. This makes the sensor particularly durable and reliable, even in demanding industrial environments, and it is typically used in the semiconductor, solar and chemical industries.

Avoid production downtimes

The IO-Link process value provides information about installation and possible deposits, increases production safety and prevents downtime, which saves costs and ensures smooth operation.

The risk of failures or shutdowns is minimised by detecting and avoiding impending faults in good time. The intuitive LED display facilitates process adjustments and enables simple switch point adjustments by the user.

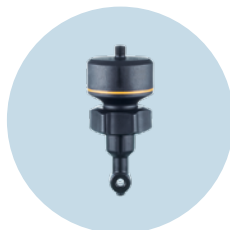
Common technical data		
Output function		normally open / normally closed (adjustable)
Housing material		Polypropylene (PP)
Switching frequency	[Hz]	40
Ambient temperature	[°C]	-25...80
Medium temperature	[°C]	-25...110
Protection rating		IP65 IP67

BEST FRIENDS

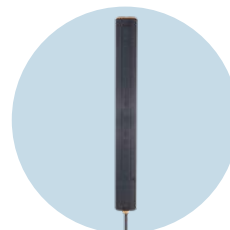
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IO-Link masters
Masters with Profinet interface for use in the field



Inductive conductivity sensor
Resistant to aggressive media



Continuous level sensor
Detection through non-metallic and non-conductive surfaces



For further technical details, please visit:
ifm.com/fs/KG6015