TOP PRODUCT

Ingeniously simple: display guide for the perfect setting

Capacitive sensors

- **Unique visualisation and handling concept via LED display**

- **See and compensate switch point movement**

- **IP 69K gives high ingress resistance**

- **PNP / NPN, NO / NC, timer function**

- **For medium temperatures up to 110 °C**

IP 69 K

IO-Link

Medium temperature up to 110°C

Visualised switch point

The new capacitive sensors stand out not only because of their excellent technical data but most of all with their new and unique visualisation concept. Using a 12-LED bar display of the PerformanceLine the user can always adapt the switch point to suit the application conditions – it is always in the centre of the display. The green LEDs either side of the switch point indicate the reliability of the switch point. Deposits, material changes etc. are displayed directly on the sensor and the user can readjust the switch point precisely as needed. An imminent error can be detected in good time and avoided thus minimising the risk of failures or deactivation.

If help is needed with the effects of process changes this is much easier to explain and rectify with the LED display. Over the phone the user can describe the LED behaviour and a support engineer can easily advise corrective measures.

Type	Output stage	Setting range [mm]	Communication interface	Sensing range [mm]	Protection rating/ protection class	Order no.
PerfomanceLine · M12 connector ·3 wires						
M30	PNP, NO/NC	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI6000**
M18	PNP, NO/NC	0.5...30	IO-Link COM 2	15 nf	IP 65, IP 67, IP 69K / III	**KG6000**
StandardLine · connection cable 2 m PUR· 3 wires						
M30	NPN, NO	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5300**
M30	PNP, NC	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5301**
M30	NPN, NC	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5302**
M30	PNP, NO	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5303**
M30	PNP, NC	0.5...24	IO-Link COM 2	15 qf	IP 65, IP 67, IP 69K / III	**KI5304**
M30	PNP, NO	0.5...24	IO-Link COM 2	15 qf	IP 65, IP 67, IP 69K / III	**KI5305**
StandardLine · M12 connector ·3 wires						
M30	NPN, NO	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5306**
M30	PNP, NC	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5307**
M30	NPN, NO	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5308**
M30	PNP, NO	0.5...40	IO-Link COM 2	25 nf	IP 65, IP 67, IP 69K / III	**KI5309**
M30	PNP, NC	0.5...24	IO-Link COM 2	15 qf	IP 65, IP 67, IP 69K / III	**KI5310**
M30	PNP, NO	0.5...24	IO-Link COM 2	15 qf	IP 65, IP 67, IP 69K / III	**KI5311**
M18	NPN, NO	0.5...30	IO-Link COM 2	15 nf	IP 65, IP 67, IP 69K / III	**KG5306**
M18	PNP, NC	0.5...30	IO-Link COM 2	15 nf	IP 65, IP 67, IP 69K / III	**KG5307**
M18	NPN, NO	0.5...30	IO-Link COM 2	15 nf	IP 65, IP 67, IP 69K / III	**KG5308**
M18	PNP, NO	0.5...30	IO-Link COM 2	15 nf	IP 65, IP 67, IP 69K / III	**KG5309**
M18	PNP, NC	0.5...9	IO-Link COM 2	8 qf	IP 65, IP 67, IP 69K / III	**KG5310**
M18	PNP, NO	0.5...9	IO-Link COM 2	8 qf	IP 65, IP 67, IP 69K / III	**KG5311**

Mounting accessories

Type	Description	Order no.
	Fixing clamp with reducing bush for M18 types	**E10076**
	Fixing clamp with reducing bush for M30 types	**E10077**
	Mounting clamp with end stop for M18 types	**E11048**
	Mounting clamp with end stop for M30 types	**E11049**
	Mounting adapter for M30 types, G 1 1/1", POM	**E11033**
	Mounting adapter for M30 types, G 1 1/4", PVDF	
	Mounting adapter for M18 types, G 3/4", POM	**E43900**
	Mounting adapter for M18 types, G 1", PVDF	**E43904**

Further technical data

Operating voltage	[V DC]	10...30
Switching frequency	[HZ]	40
Short-circuit protection		•
Reverse polarity / overload protection		• / •
Ambient temperature	[°C]	-25...80
Medium temperature	[°C]	-25...110
Housing material		PBT

IO-Link accessories

Type	Description	Order no.
	IO-Link master with Profibus interface	**AL1010**
	IO-Link master with EtherNet/IP interface	**AL1020**
	Memory plug, parameter memory for IO-Link sensors	**E30398**
	LINERECORDER SENSOR, software for parameter setting and setting up IO-Link sensors	**QA0001**
	USB IO-Link master for parameter setting and analysis of units Supported communication protocols: IO-Link (4.8, 38.4 and 230 kBits/s)	**E30390**

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For further technical details please visit: www.ifm.com