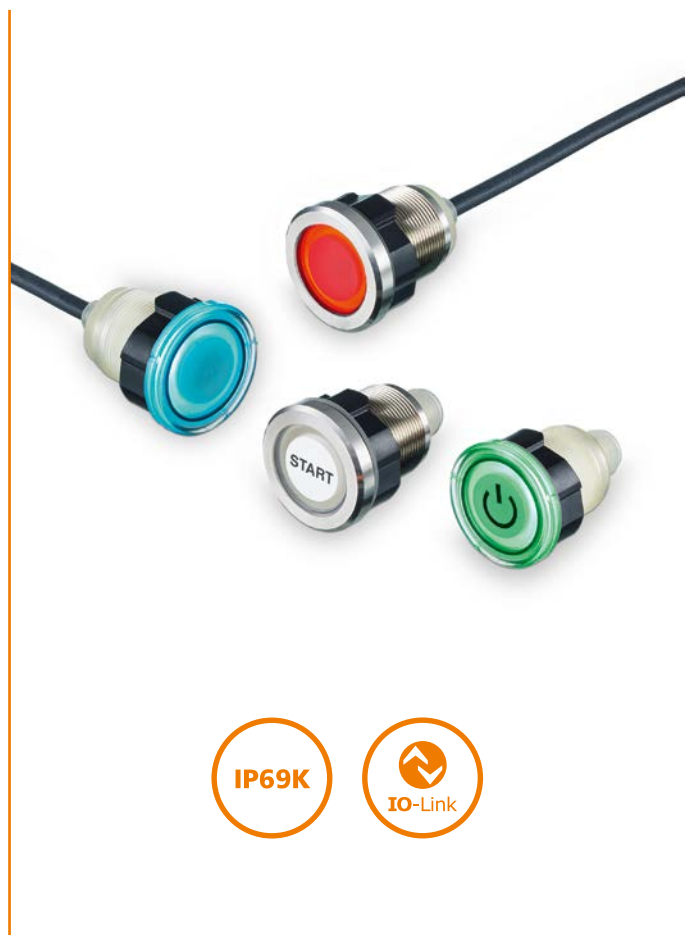




Withstand dirt and moisture

Eternity touch sensors for machine control

- Ideally suited for use in demanding installation situations
- Permanently reliable operation due to the suppression of deposits and splashing water
- Also available as a signal lamp for clear feedback of the machine status



ifm – close to you!

Material	Connection	Order no.	
		Touch sensor	Signal lamp
plastic	M12 connector	KTE101	KTV101
plastic	cable, 2 m	KTE102	KTV102
stainless steel	M12 connector	KTE301	–
stainless steel	cable, 2 m	KTE302	–

Ergonomic control of machines and processes

No more aching fingers and wrists, no more uncertainty about the process status: With the Eternity touch sensors, you can control machines and processes with a light tap of your finger. To ensure that this works reliably even in case of deposits, the sensitivity of the touch sensor can be adjusted to suit the working environment.

Permanently reliable and FDA-compliant

Thanks to protection class IP69K and the suppression of splashing water, you don't need to worry about the KTE even in damp environments. No water can get inside; and splashing water, for example from cleaning processes, is distinguished from deliberate actuation of the sensor. Important for the food industry: When installed with the optionally available E12840 seal, the KTE is compliant with FDA. This also underlines its permanently reliable operation. You have our word on that – and a 5-year warranty.

Button, switch, colours – experience the new versatility

For clear visual feedback, the touch sensors, which are also available as pure feedback indicators, can adopt any RGB colour and display it permanently or in flash mode. Regardless of whether the KTE is operated with or without IO-Link, versatile switching functions are available: as button or switch, normally closed or normally open, with or without time delay.

Bundling switches, networking operations

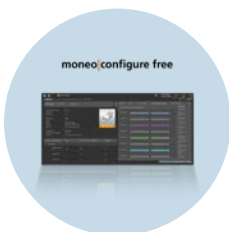
For networked operations, up to two additional sensors or even mechanical switches can be connected to a touch sensor. If an 8-port IO-Link master bundles the signals decentrally in the field, up to 24 devices can be integrated.

Common technical data	
Installation size	M22
Interface	IO-Link
Displayable colours	16.7 million (RGB)
Protection rating	IP69K front IP65 IP67 back



BEST FRIENDS

We reserve the right to make technical alterations without prior notice. - 04/2024
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen



moneo|configure free
Software for parameter setting of the IO-Link infrastructure



IO-Link masters
Field-compatible masters for use in hygienic areas



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



For further technical details, please visit: ifm.com/fs/KTE101