Keeps both end positions in view

T-slot cylinder sensors with IO-Link

- Only 1 sensor for 2 end positions for short-stroke cylinders

- End position setting aid with second LED

- Inline quality monitoring with 50 mm detection range

- Monitoring critical pneumatic cylinders
  using the switching cycle counter

- Fast fault localisation thanks to extensive diagnostic functions

IP67

IO-Link

ifm – close to you!

Number of outputs physical / digital	Connection type	Connector type	Number of conductors	Order no.
2 / 2	2 m cable	–	4	**MK5904**
1 / 2	Pigtail	M8 fix	3	**MK5905**
1 / 2	Pigtail	M8 rotatable	3	**MK5906**
2 / 2	Pigtail	M8 rotatable	4	**MK5907**
2 / 2	Pigtail	M12 rotatable	4	**MK5908**
2 / 2	6 m cable	–	4	**MK5909**

Versatile cylinder monitoring

This IO-Link sensor with two configurable hardware outputs will upgrade your machine in no time. The outputs can be configured to your application requirements. A high-resolution process value with a detection range of 50 mm enables continuous monitoring as well as digital transmission via IO-Link. Thanks to the teach function and the Bluetooth adapter, the installed sensor can be easily adjusted from outside the machine.

Integrated diagnostic functions

Combined functions, such as the stroke counter (switching cycle counter), time monitoring between both end positions or device temperature provide servicing assistance and enable maintenance to be carried out as required.
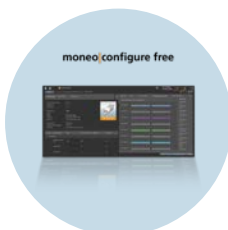

One sensor instead of two: On short-stroke cylinders, one IO-Link cylinder sensor (upper groove) is now sufficient to detect both end positions instead of two conventional sensors (lower groove) as was previously the case.

Common technical data		
Operating principle		3D Hall
Electrical design		PNP / NPN (selectable)
Output function		NO / NC (selectable)
Output functions		Switch point / counter / diagnostic (selectable)
Switching frequency	[Hz]	200
Setting range	[mm]	typ. 50
Linearity	[%]	< 5
Resolution	[mm]	typ. 0.01
Repeatability	[mm]	< 0.2
Protection rating		IP67

BEST FRIENDS

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

moneo|blue
Manage IO-Link devices conveniently via smartphone app

IO-Link interface
For parameter setting of IO-Link devices on the PC

For further technical details, please visit:
ifm.com/fs/MK5904