

Up to eight switchpoints with IO-Link

MAGNETIC SENSOR FOR C-SLOTS WITH MULTIPLE SWITCHPOINTS

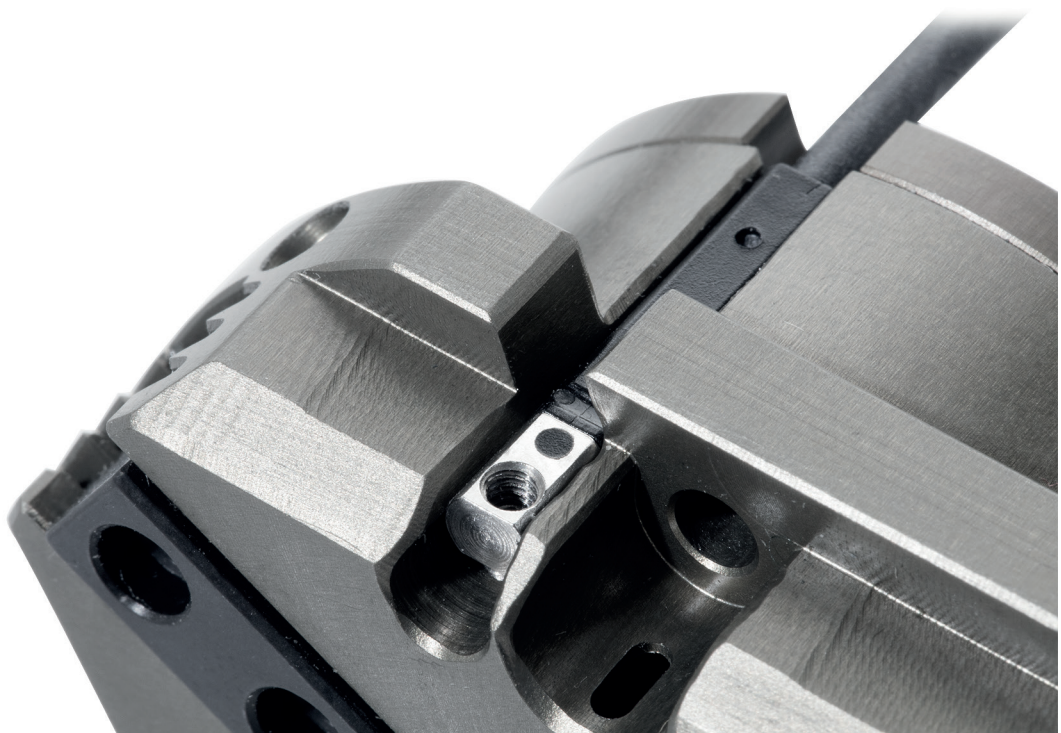
For cylinders and grippers a teachable magnetic sensor with two switch points replaces two standard sensors. For longer cylinders the additional switch point can be used for example for reducing the air pressure before the end of stroke position of the cylinder. IO-Link offers up to eight switchpoints and along with individual hysteresis settings. With a detection area of 60 mm, the sensor is ideally located in the middle of the cylinder offering the closest possible switchpoints. The teachable magnetic sensor for C-slots offers 10 mm more detection area vs standard offerings.

Features

- 10 mm more traverse distance than other magnetic sensors
- Sensor head length 20mm, with remote electronics
- PNP/NPN NO/NC; IO-Link PNP NO
- Pigtail M12, M8 and 2 m cable
- Temperature range -25 to +80 °C
- 60 mm detection area with two teachable outputs.



CE  IO-Link EAC 



MAGNETIC FIELD
SENSOR C-SLOTS



Normally open (NO), IO-Link, PNP	BMF00K8	BMF00K9	BMF00JJ
Normally open (NO)	BMF00JF	BMF00JH	
Normally open (NO), NPN	BMF00K2	BMF00K3	
Normally closed (NC), PNP	BMF00K4	BMF00K5	
Normally closed (NC), NPN	BMF00K0	BMF00K1	
Measurement range	-30...+30 mm	-30...+30 mm	-30...+30 mm
Area of application	Pneumatic cylinder and gripper with C-slot. For dimensions see drawing in datasheet	Pneumatic cylinder and gripper with C-slot. For dimensions see drawing in datasheet	Pneumatic cylinder and gripper with C-slot. For dimensions see drawing in datasheet
Connection type	Cable	Cable with connector	Cable with connector
Connector type		M08 × 1	M12 × 1
Cable length	2 m	0.3 m	0.3 m
Supply voltage	10...30 V	10...30 V	10...30 V
Housing material	PA 12	PA 12	PA 12
Enclosure Type per IEC 60529	IP67	IP67	IP67
Ambient temperature	-25...80 °C	-25...80 °C	-25...80 °C
Repeatability max.	0,2 mm	0,2 mm	0,2 mm



ACCESSORIES

	BNI006A	BNI0073	
Description	Network interface	Network interface	

Services



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