



HISS – Magnetic Field Sensors

Miniaturised, robust sensor
for all cylinder types



INDUSTRIAL
COMPONENTS

HISS – Magnetic Field Sensors

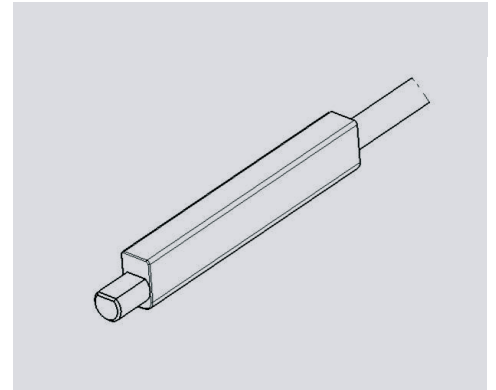
Magnetic cylinder sensors are used mainly to monitor the piston positions on cylinders and grippers. The field of the magnet integrated in the piston is detected by the sensor through the actuator wall. Due to the small size and the various mounting elements that are available for the sensor, it fits all types of cylinders from current manufacturers.

Properties:

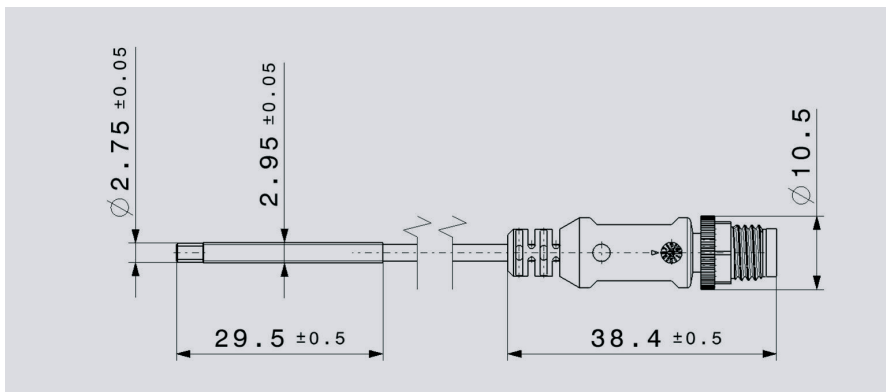
- Contact-less and wear free sensors for all common cylinder types
- Various mounting elements are available
- Extremely robust design for the harshest environments
- Low storage costs (only one type of sensor for all cylinder variants)
- When exchanging the sensor, it is usually not necessary to adjust the switchpoint again
- Switch point display (LED) is highly visible due to the transparent housing, simplifies adjustment of switchpoint
- Suitable for high speed movement
- EMC / ESD protected
- Customised designs upon request (e.g. connector, cable lengths etc.)

Technical data:

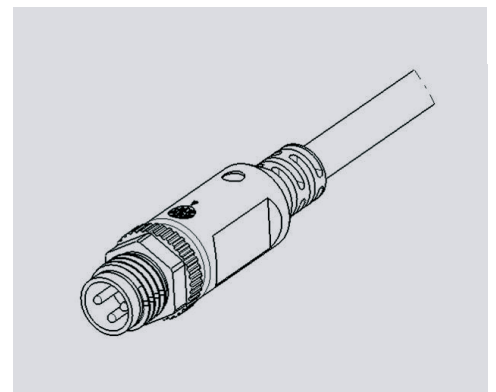
Operating voltage	10 V to 30 V
Connection interface	M8x1 connector
Output type	Open collector pnp logic
Output	Short-circuit proof, overload-proof, reverse polarity protected
Protection class	IP67
Operating temperature	-30 °C to 85 °C
Cable lengths	200 mm 300 mm or 600 mm



Sensor housing view



Dimensions



Plug connector view