

- **Model MSXH: rod version in a stainless steel protective housing**
- Protection type IP 68 / IP 69K
- Measuring strokes from 25 to 7600 mm
- Contactless, robust system

- Resolution up to 1 μm
- All standard version outputs available
- Operating temperature range $-40\text{ }^{\circ}\text{C} \dots +75\text{ }^{\circ}\text{C}$
- Pressure resistance to 350 bar



Design and function

In the MSXH model, the standard Magnosens in rod design form is installed in a hermetically sealed stainless steel protective housing. The dimensions of the flange and measuring rod remain unchanged. Only the dimensions of the housing are increased.

All versions of the MSX models can be installed, with the result that a wide selection of interfaces is also available. The measurement accuracy and all technical details correspond to the features of the installed standard model.

Depending on version, the standard sensor's electrical connection is routed out via one, two or three threaded cable connections.

Standard measuring strokes

- Up to 1000 mm in 50 mm steps
- Up to 7600 mm in 250 mm steps

Technical data

Measuring length:	50 - 7600 mm
Dew point, humidity:	100 % rel. humidity
Protection type:	IP68 / IP69K
Operating temperature range:	$-40\text{ }^{\circ}\text{C} \dots +75\text{ }^{\circ}\text{C}$
Pressure resistance:	Up to 350 bar

Material

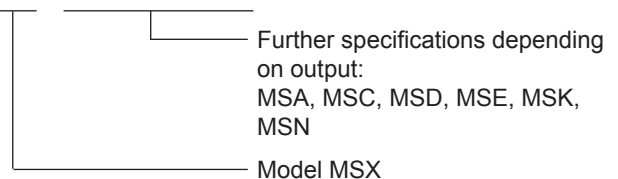
Sensor housing:	Stainless steel 1.4305 (1.4404 on request)
Sensor rod:	Stainless steel 1.4305 (1.4404 on request)

The remaining technical data and connections correspond to those of the installed sensor.

Order numbers

- Linear transducer

MSX H X / XXXXXX - XXXX



Scope of delivery

Rod: sensor, nut (order magnet separately)

Accessories:

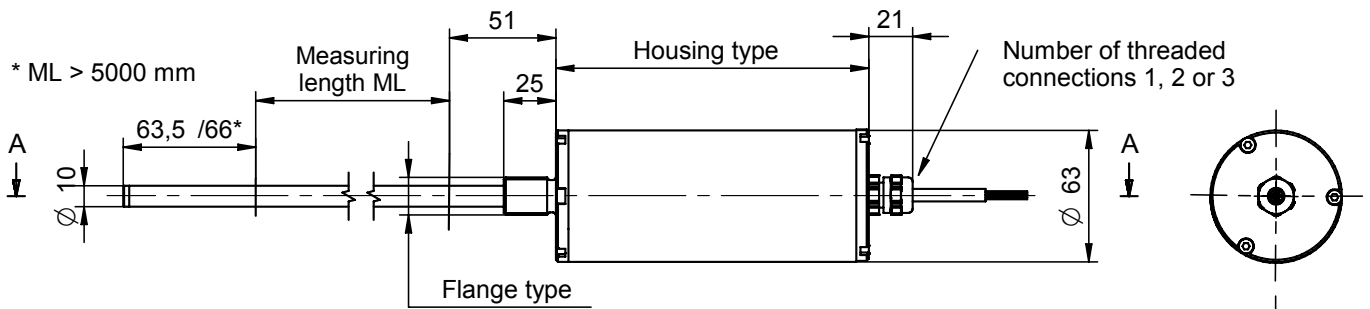
- Positioning magnets
 - PR02:** Standard positioning ring (33 mm)
 - PR03:** Liftable positioning magnet
- Refer to data sheet 11469 for further positioning magnets
- Installation material:
 - ML-MSX:** Installation shackle for rod version

Further documentation

Under www.twk.de:

- Standard Magnosens data sheets
- MWA 10318 installation instructions
- Available positioning magnets MXX 11469

Dimensions in mm



Section A - A

