

SCHURTER MSS-IO

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MSS-IO: electronic switch with IO-Link interface

- Water-resistant, electronic switch
- Resistive technology enables precise operation even in contact with liquids and under harsh conditions (IP 69K)
- Closed surface for hygienic operation (e.g. food processing industry)

With the MSS-IO, SCHURTER is entering the field of bidirectional communication via switches in industrial automation. The MSS-IO is based on the successful SCHURTER MSS electronic switch, which has been expanded to include an IO-Link module.

The MSS-IO switch from SCHURTER is based on wear-free resistance measurement and completely avoids mechanical components. Instead of capacitive technology, a precise change in electrical resistance is used for switch detection: sensitive enough to detect the smallest changes in pressure, robust enough for industrial series processes. Ultrarugged, precise and easy to integrate.

Easy to Clean

Thanks to the closed surface, the switch is insensitive to water, dirt and cleaning substances. This is a clear advantage in hygienically sensitive areas such as food processing or laboratory automation. The absence of moving parts minimizes the maintenance effort and increases the service life enormously.

IO-Link Interface

The IO-Link interface allows bidirectional communication, parameterization during operation and real-time diagnostics. The connection is made via standard M12 connectors. Predictive maintenance and simple integration into existing Industry 4.0 environments are guaranteed.

Fields of application

Typical fields of application are automation technology, robotics and hygiene-critical applications. The MSS IO-Link switch is particularly suitable for scenarios with high demands on precision, process reliability and digital communication.

Applications



Food Processing



Industry



Laboratory Equipment



IoT

Datasheet

<https://www.schurter.com/en/datasheet/MSS-IO>

More Info

[Contact Form](#)
[Launch Collection](#)
[IODD-Finder](#)

Part Numbers

Part-Nr.	Description	Configuration Code	Packaging Unit (pcs)	MOQ (pcs)	Initial Stock (pcs)
3-150-067	MSS22 Switch MO NO LI 0RG IO-Link	MSS-22-MONOA10C1-LI0RG024C1-P2OQB- S3NCWF-0000-K-01	1	1	200