



Inductive Sensors
with IO-Link Interface

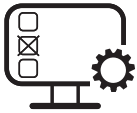


Benefits and features

IO-Link is the first international and manufacturer-independent standardised (IEC61131-9) communication interface that enables consistent communication from the sensor to the PLC.

A point-to-point connection enables not only the transmission of the switching signal, but also parameter, diagnostic, and communication data.

Flexible programming and monitoring



- Sensor output configurable as NO or NC
- Flexible teach-in of the switch-on and switch-off point up to the maximum switching distance of the sensor
- Monitoring of the operating hours and counting of the switching operations since starting the system

Simple commissioning and fast maintenance



- Simple integration into existing connection structures
- No high wiring costs due to use of M8 and M12 standard plug connections and unshielded 3-wire standard cables

Spare parts stock



- Reduction of spare stock due to fast configuration of standard sensors
- Flexible use via SIO and IO-Link mode

Manufacturer and fieldbus independent



- Fieldbus-independent via appropriate IO-Link master
- The standardisation enables manufacturer-independent integration

Self-diagnosis



- Wire breakage or short-circuit are immediately detected by the master
- Critical internal voltages are detected in IO-Link mode





Contact

International Headquarters BERNSTEIN AG

Hans-Bernstein-Str. 1
D-32457 Porta Westfalica
Phone +49 571 793-0
Fax +49 571 793-555
info@bernstein.eu
www.bernstein.eu

Denmark BERNSTEIN A/S

Phone +45 7020 0522
Fax +45 7020 0177
info.denmark@bernstein.eu

France BERNSTEIN S.A.R.L.

Phone +33 1 64 66 32 50
Fax +33 1 64 66 10 02
info.france@bernstein.eu

Italy BERNSTEIN S.r.l.

Phone +39 035 4549037
Fax +39 035 4549647
info@it.bernstein.eu

United Kingdom BERNSTEIN Ltd

Phone +44 1922 744999
Fax +44 1922 457555
sales@bernstein-ltd.co.uk

Austria BERNSTEIN GmbH

Phone +43 2256 62070-0
Fax +43 2256 62618
office@bernstein.at

Switzerland BERNSTEIN (Schweiz) AG

Phone +41 44 775 71-71
Fax +41 44 775 71-72
info.schweiz@bernstein.eu

Hungary BERNSTEIN Kft.

Phone +36 1 4342295
Fax +36 1 4342299
info@hu.bernstein.eu

China BERNSTEIN Safe Solutions (Taicang) Co., Ltd.

Phone +86 512 81608180
Fax +86 512 81608181
info@bernstein-safesolutions.cn