



Improved production efficiency through networked communication

With SMC IO-Link technologies
setting the course for Industry 4.0

Product overview

Intelligent system solutions for automation

Everything from a single source.

Let SMC be your system solutions provider on the journey to create smart factories. Our pioneering IO-Link technologies make it easy to start using Industry 4.0 applications.

As a leading manufacturer, partner and solution provider in pneumatic and electric automation technology, SMC Deutschland focuses on production plants in their entirety. Regardless of your sector, we develop and deliver complete IO-Link systems – from masters to actuators and sensors – from a single source.

To meet the challenges posed by Industry 4.0 with factory automation and smart factories, SMC is constantly expanding its product portfolio with IO-Link technology to meet the needs of its customers.

Advantages to using SMC IO-Link solutions:

- ▶ **Flexibility:** Modular machine concepts for building new plants or retrofiting
- ▶ **Efficiency:** Less machine downtime and higher product quality thanks to predictive maintenance
- ▶ **Transparency:** Effective process control through networking, higher information density and optimised plant monitoring
- ▶ **Cost-efficiency:** Highly flexible, secure automation solutions in every lot size
- ▶ **Speed:** Easy to integrate components using plug and play
- ▶ **Added value:** Upgrade to Industry 4.0 to increase your competitive ability

D-MP position sensor

- ▶ Full-scale span: 25/50/100/200 mm
- ▶ Repeat accuracy: 0.1 mm
- ▶ Device

IO-Link for cylinders



EX260 communication module

- ▶ Ports: 32
- ▶ Device

Data bridge to the valve terminal



- ▶ Visit the **IODDfinder** of the IO-Link consortium, where you can see a selection of our products.

Link



Fieldbus module EX600

- ▶ Protocol: PROFINET
- ▶ Port: Class A
- ▶ Master

Opens the door to fieldbus protocols

Pressure switch ISE20B

- ▶ Nominal pressure range: -0.1 to 1 MPa
- ▶ Device

Provides information on air supply



PF3W7 digital flow meter for water

- ▶ Full-scale span: 4/16/40 l/min
- ▶ Device

Media flow control via IO-Link



ISE70/ISE71 digital pressure switch

- ▶ Full-scale span: 1/1.6 MPa
- ▶ Device

Convenient air supply control



ITV10/20/30 electro-pneumatic regulator

- ▶ Control range: 0.1/0.5/0.9 MPa
- ▶ Device

Process control via pressure regulation with the data line



JXC motor controller

- ▶ Type: Stepper motor
- ▶ Device

Access to all E-axes



Bundled power assures innovative edge

SMC focuses on digitalising industrial production. By working with renowned technology networks and organisations, we bring you guaranteed advantages thanks to our innovative solutions.

- ▶ Partner in the top cluster and technology network "It's OWL"
- ▶ Member in **PROFIBUS Nutzerorganisation e.V. (PNO, a user organisation)**
- ▶ Member in the **IO-Link Community**



Expertise – Passion – Automation

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