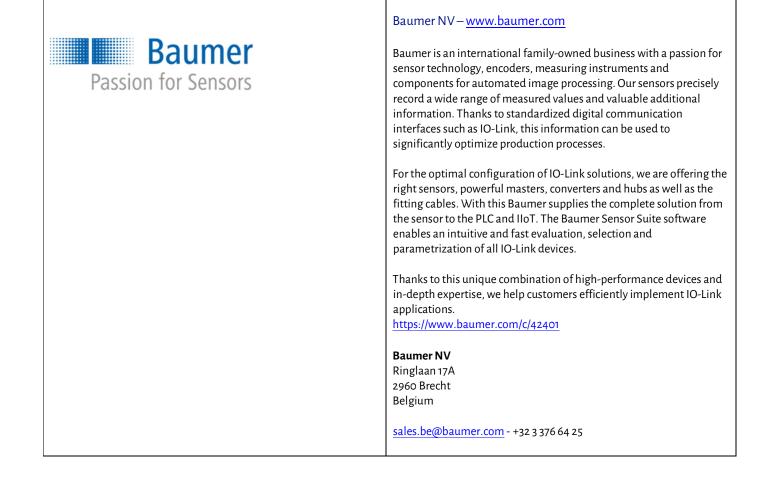
### **IO-LINK MEMBERS**

| BALLUFF | Balluff GmbH – permanent establishment Belgium – <u>www.balluff.be</u>  |
|---------|---|
|         | Founded in 1921 in Neuhausen a. d. F., Balluff, with its 3900<br>employees worldwide, stands for innovative technology, quality and<br>cross-industry experience in industrial automation.<br>The comprehensive IO-Link portfolio from Balluff includes sensors<br>with different functional principles, as well as a peerless, broad<br>spectrum of network and connection technology. As a result, Balluff<br>IO-Link supports all current fieldbus protocols. With fieldbus systems<br>such as Profibus, Profinet, Ethernet-IP, Devicenet, CC-Link and<br>EtherCAT, we speak IO-Link in every field – for quick start up, optimal<br>processes, high connectivity, as well as the greatest possible planning<br>security and efficiency. |
|         | With one of the largest IO-Link portfolios which includes IO-Link<br>wireless, Balluff creates the best solution for your needs. By<br>partnering with Balluff, a manufacturer of sensor technology and a<br>long-time solutions provider for industrial automation, you are well-<br>positioned for the future and for<br>Industry 4.0.  |
|         | <b>Balluff GmbH – permanent establishment Belgium</b><br>Interleuvenlaan 62<br>3001 Heverlee<br>Belgium   |
|         | <u>info.be@balluff.be</u> - +32 (0)16 792970<br>Johan Van De Broeck, Sales Representative Belgium   |
|         | johan.vandebroeck@balluff.be<br>+32 493 23 12 95  |





| <b>BECKHOFF</b> New Automation Technology | Beckhoff Automation BV - <u>www.beckhoff.com</u>  |
|---|---|
|   | <ul> <li>Beckhoff Automation was founded in 1980 in Germany and<br/>implements open automation systems using proven PC-based control<br/>technology. The main areas that the product range covers are<br/>industrial PCs, I/O and fieldbus components, drive technology,<br/>automation software, control cabinet-free automation, and hardware<br/>for machine vision.</li> <li>Our New Automation Technology stands for universal and industry-<br/>independent control and automation solutions that are used<br/>worldwide in a large variety of different applications, ranging from<br/>CNC-controlled machine tools to intelligent building control.</li> <li>As an IO-Link manufacturer and community member, Beckhoff offers<br/>IO-Link masters and devices/hubs with an IP20 protection rating<br/>(EtherCAT Terminals, EtherCAT plug-in modules and bus terminals)<br/>for use in control cabinets and with an IP67 protection rating<br/>(EtherCAT Box modules, IO-Link box modules) for modular machine<br/>concepts with devices located in the field.</li> <li>The project planning and parameterization for the IO-Link devices is<br/>simply carried out from TwinCAT via the integrated IO-Link<br/>commissioning tool.</li> <li>The tool enables automatic scanning of the IO-Link devices, an<br/>integrated online search for IODD files, and convenient IO-Link<br/>register configuration, along with other functions.</li> </ul> |
|   | Beckhoff Automation BV<br>Klaverbladstraat 11 B 2/2<br>3560 Lummen<br>Belgium<br>Philippe Hénin - Product Specialist I/O<br>p.henin@beckhoff.be   |



| Endress + Hauser         People for Process Automation | <ul> <li>Endress+Hauser NV/SA Belux – www.be.endress.com</li> <li>New Cerabar PMP43 – hygienic pressure transmitter - Heartbeat</li> <li>Technology + I/O-link</li> <li>The Cerabar PMP43 is a pressure transmitter developed for hygienic applications and combines a compact design with full performance.</li> <li>Outstanding ease of use due to easy setup and operation with guided wizards and intuitive touch display and Bluetooth communication.</li> <li>Increased productivity thanks to traceable and documented on-demand verification without process interruption and permanent monitoring of process anomalies or blocked impulse lines with Heartbeat Technology</li> <li>Documented compliance through certified hygienic design as well as proven material conformity and traceability</li> <li>IP69</li> <li>The first hygienic pressure transmitter with Heartbeat</li> </ul> |
|--|---|
|  | Technology + I/O-link !         https://www.be.endress.com/en/field-instruments-<br>overview/pressure/Pressure-Cerabar-<br>PMP43?store_locale=en&t.tabld=product-overview         Endress+Hauser NV/SA Belux         Rue Carlistraat 17-19         1140 Brussel/Bruxelles         Belgium         Jan Heynen - jan.heynen@endress.com         Phone: +32 2 247 92 90           Mobile: +32 475 45 93 00   |





## **AGORIA**



#### Ifm Electronic NV/SA-www.ifm.com

#### ifm's extensive IO-Link Portfolio

In the rapidly-evolving landscape of industrial technology and automation, ifm is committed to innovation, efficiency, and conserving resources. We're dedicated to universal protocols and advancing interconnection between ecosystems. ifm is a founding member of the IO-Link consortium. This group works with industry leaders to further the technology and integration, upholds quality standards, holds workshops, and more. The consortium has more than 250 members and counting. We offer one of the largest selections of sensors and other IO-Link-compatible devices. Our broad offering allows you to implement a comprehensive digital communication system on all your machines and processes.

#### Our portfolio contains :

#### edgeGateways

The edgeGateways from ifm provide secure remote connection to your IT infrastructure for convenient data transfer to cloud platforms, such as ifm moneo Cloud, Microsoft Azure IoT Hub, or AWS IoT Core.

#### Controllers

ifm's HMI controllers are programmable graphic displays for controlling, parameterizing, and operating industrial machinery. One HMI controller can replace a PLC, HMI, and multiple software licenses. IO-Link field devices can be connected mechanically, versus labor-intensive wiring harnesses.

#### **IO-Link masters**

IO-Link masters provide solutions to acquire intelligent sensor data from IO-Link enabled sensors and actuators. The IO-Link master establishes the connection between one or several devices and the fieldbus system or higher level IIOT platforms.

#### IO-Link hub expansion modules

Machine control does not always require data acquisition. In many cases, simple digital and analog I/O are still required. A hybrid approach is often the best control solution. The configurable IO-Link modules allow connection of conventional digital and analog sensor and digital actuators via IO-Link.

#### Sensors and devices

ifm offers one of the largest selections of sensors and other IO-Linkcompatible devices. These allow users to install flexible controls systems for their manufacturing operations. ifm also offers signal conversion devices to transform analog, binary, or RTD signals into IO-Link, preparing your control system for IIoT.

#### **IO-Link starter kits**

Starter kits are an ideal choice for a fast proof-of-concept IO-Link project. Our kits include all products you need to begin your testing.

Website : IO-Link: worldwide open standard - ifm

**Ifm Electronic NV/SA** Zuiderlaan 91 – B6 1731 Zellik



|                       | Philippe Briers – <u>philippe.briers@ifm.com</u><br>Phone : +32 2 481 02 20  |
|-----------------------|--|
| <b>Stay connected</b> | Murrelektronik bv - www.murrelektronik.be<br>Murrelektronik is driven by the question of how to make the<br>automation of machines and systems simpler, faster and more cost-<br>efficient.  |
|                       | completely cabinet-free in the future, which is why the<br>company always focuses on decentralized automation.<br>As the No. 1 partner in the development and production of<br>decentralized automation technology, Murrelektronik ensures<br>perfect communication from the sensor to the controller. |
|                       | <ul> <li>A plug &amp; play installation with IO-Link; transparent, efficient<br/>and uncomplicated</li> <li>Easy installation, reduced costs, increased productivity, and<br/>simplified service and maintenance</li> <li>One system for all signal types: digital, analog, IO-Link.</li> </ul>        |
|                       | Increase your economic success through standardization! There is no future without digitization and no digitization without standardization.<br>Murrelektronik by  |
|                       | Noorderlaan 147 b9<br>2030 Antwerpen<br>Belgium<br>Tom Van Hootegem - tom.vanhootegem@murrelektronik.be  |
|                       | +32 477 56 23 20   |

## **.**AGORIA

# **FEPPERL+FUCHS**

#### Pepperl + Fuchs NV - www.pepperl-fuchs.be

For decades, Pepperl+Fuchs has been developing and distributing industrial sensors and sensor systems with the highest quality standards for use in automation technology. The diverse product portfolio offers sensors for standard applications as well as customized solutions. In close cooperation with our experts, you receive the ideal sensor system for your specific requirements!

Our product portfolio of industrial sensors for factory automation is characterized by a high degree of innovation. It consists of inductive, photoelectric, capacitive, magnetic, and ultrasonic sensors. Additionally, we offer you powerful components such as rotary encoders, positioning and identification systems (RFID, Data Matrix, Barcode), AS-Interface as well as suitable accessories. Industrial vision systems and vision sensors round off the comprehensive product range.

State-of-the-art technologies and a global sales and production network make Pepperl+Fuchs the ideal partner for a wide variety of industries in the global market. These include branches like mechanical engineering, automotive industry, material handling, packaging, print and paper industry, doors, gates and elevator construction, process equipment, mobile equipment, and renewable energy.

Pepperl+Fuchs offers you a complete IO-Link system solution for your application with a range of **IO-Link sensors** and **infrastructure**. This enables consistent communication between IO-Link devices at the field level and higher-level systems at the management and control level.

Besides these field devices and software, we offer corresponding infrastructure components such as IO-link masters for cloud- and PLCbased applications, I/O hubs for integrating standard sensors into the IO-Link network and IO-Link analog convertors for integrating devices with analog interface to an IO-Link master.

Get your plant ready for the future. Benefit from reduced operation costs and transparent data exchange down to the field level.

#### Pepperl+Fuchs NV

Metropoolstraat 11 2900 Schoten Belgium

Dieter Strobbe - <u>sales@be.pepperl-fuchs.com</u> +32 3 644 25 00



| PILZ<br>THE SPIRIT OF SAFETY | Pilz Belgium cvba – www.pilz.be<br>IO-Link Safety: Communicate safely at field level – in one system. Do<br>you have a large number of safety sensors in use in your systems?<br>Then safe, standardised point-to-point communication IO-Link Safety<br>is the right solution. · Fast field integration thanks to simple wiring ·<br>Automatic identification and parameterisation of the sensors ·<br>Intelligent data diagnostics Pilz offers you the complete system with<br>master and sensors and supports you with integration.<br><b>Pilz Belgium cvba</b><br>Poortakkerstraat 37/0201<br>9051 Sint-Denijs-Westrem (Gent)<br>Belgium<br>info@pilz.be - +32 9 321 75 70   |
|------------------------------|---|
| SCHMERSAL<br>Belgium         | Schmersal Belgium NV/SA – www.schmersal.be<br>Schmersal Belgium offers complete solutions for machine safety from<br>a single source: With innovative components, control systems and<br>software, we develop individual safety concepts that are tailored to<br>your application. The specialists at tec.nicum, Schmersal's service<br>division, support you in the safe and standard-compliant design of<br>your machines and workplaces. With Schmersal as your partner, you<br>benefit from best-in-class products, in-depth expertise and decades<br>of experience in all aspects of machine safety.<br>Schmersal Belgium NV/SA<br>Nieuwlandlaan, 73<br>Industriezone B413<br>3200 Aarschot<br>Belgium<br>sales-be@schmersal.com<br>Contact person : Remy Van Bokhoven |



#### SICK IO-Link powered by SICK – www.sick.be SICK is a leading company in the sensor business. SICK offers a wide range of IO-Link devices, IO-Link masters, and digital solutions for the Sensor Intelligence. further processing of generated process data. Since many years all sensors are IO-link ready. This enables customers to create smart solutions and provides multiple options for savings in wiring or a logic editor in the master. Furthermore, SICK enables easy cloud connection in the IO-link masters with the dual port connection, to both PLC and cloud. In the next months new additions in the field of IO-link safety & wireless are expected. Check our offering at www.sick.be or call us. SICK NV/SA Doornveld 10 1731 Zellik-Asse Belgium info@sick.be - +32 (0)2 466 55 66 Jurgen Van Stichel - vanstichel.jurgen@sick.be +32 2 48187-71



|         | Turck Multiprox - www.multiprox.be         Turck Multiprox is the Belgian daughter company of Turck, your global partner for factory, process and logistics automation. With our digitally networkable solutions for efficient automation systems, we support the digital transformation and are one of the pioneers of Industry 4.0 and IIoT.         Our automation solutions support the profitability, efficiency and sustainability of machines and plants. In this way, they not only increase competitiveness, but also contribute to more ecologically compatible production.         As a specialist in smart sensor technology and decentralized automation, Turck brings intelligence to machines and ensures reliable detection, transmission and processing of relevant production data – from sensor to cloud – not only with robust I/O solutions in IP67, but also with user-friendly software and services.         More than 5.000 employees worldwide develop, produce and sell products and solutions from the areas of sensor, fieldbus, control, cloud, connection and interface technology as well as HMI and RFID. Our worldwide production and sales network includes more than 30 subsidiaries as well as agencies in another 60 countries.         Turck Multiprox NV         Lion d'Orweg 12         9300 Aalst         Belgium         +32 53 766 566         mail@multiprox.be         Waw.multiprox.be |
|---------|---|
|         | +32 475 46 32 75  |
| SIEMENS | Siemens NV/SA - www.siemens.be/industrie<br>Siemens AC, a technology company focused on industry,<br>infrastructure, transport, and healthcare, creates technology with<br>purpose adding real value for customers by combining the real and<br>digital worlds: more resource-efficient factories, resilient supply<br>chains, smarter buildings & grids, cleaner & more comfortable<br>transportation and advanced healthcare.<br>Siemens NV/SA<br>Business Park Huizingen<br>Guido Gezellestraat 123<br>1654 Beersel<br>Belgium   |
|         | Nick Vanden Broecke - <u>nick.vanden_broecke@siemens.com</u>  |

## **AGORIA**



#### Vega NV/SA – <u>www.vega.com</u>

The IO-link family from VEGA is growing.

IO-Link is of particular importance as a communication protocol for the complex measuring tasks in factory automation. VEGAPULS 42 is now the perfect radar level sensor to go with it. Fast, simple and costeffective, it meets the high demands of the industry and completes the IO-Link family of the instrumentation specialist, who now offers a complete portfolio for level, switching and pressure that includes <u>VEGAPOINT</u> and <u>VEGABAR</u>. With its versatile hygienic adapters, VEGAPULS 42 is particularly suitable for processes with strict hygiene standards and always the right choice when it comes to comprehensive automation with fast level changes.

#### VEGA NV/SA

J. Tieboutstraat 67 1731 Zellik Belgium

https://www.vega.com/en-be/company/news-andevents/news/2023/vegapuls-42

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