

## Integrating Individual IO-Link Devices Cost-Effectively

IO-Link devices are widely distributed in many systems. However, the maximum cable length between an IO-Link master and an IO-Link device is 20 meters. The solution of the problem: Bihl+Wiedemann **ASI-5 / IO-Link master with 1 or 2 ports**.

### Easy Installation & Totally Unrestricted Topology

With our IO-Link masters, you can connect individual IO-Link devices at any location easily and cost-effectively – distributed over the ASI cable length of up to 200 meters. Your advantage: **You integrate just as many ports as you really need at the individual points of the machine**. You can connect any IO-Link device – without any restrictions of the topology.

Modules of other manufacturers usually have at least 4 IO-Link ports. This makes every individual connection considerably more expensive. Because if there are only 2 IO-Link devices within a radius of 20 meters, you would still have to pay for the 4 IO-Link ports of the "small" IO-Link master. With Bihl+Wiedemann you can get rid of that overhead and reduce your costs. You can also use our IO-Link masters to connect IO-Link devices to different fieldbuses – for example: PROFINET, EtherCAT or EtherNet/IP.



Fig.: Active Distributor ASI-5 / IO-Link Master with 1 Port, IP67 (BWU4088)

### 40 % Cost Savings for Mid-Sized Applications

Bihl+Wiedemann also offers IO-Link masters with 4 ports. These are significantly cheaper than comparable Ethernet variants. With ten IO-Link devices, you can save an average of eight percent, and with 50 devices the saving can be as much as 40 percent. The piercing technology makes them **extremely easy to install** and you also save a lot of assembly time.

Visit our website to learn why IO-Link with Bihl+Wiedemann is so easy, flexible and cost-effective.



### Active Distributors ASI-5 / IO-Link Masters with 1 or 2 ports in detail:

- Convenient parameter assignment via Bihl+Wiedemann software suites
- Transmission of up to  $4 \times 16$  Bit process data in 1,27 ms
- Up to 32 bytes of cyclic process data
- 1 IO-Link Port, e. g.: IO-Link Port Class B (BWU4088)
- 2 IO-Link Ports, e. g.: 1 IO-Link Port Class A, 1 IO-Link Port Class B (BWU4077)

Questions about our products and solutions?

We would be happy to assist you.