

## Lenze Drives are a perfect match for ASi-5

For many years, customers have enjoyed the benefits of AS-Interface for controlling Lenze Drives and frequency inverters. The **free topology and cost-effective installation technology of ASi saves both time and money**. Bihl+Wiedemann added to this perfect match with additional products like the ASi-5 self-configuring 8 I/O module (BWU4232). **This module is ideal for the Lenze Smart Motor** or other drives with binary control and four additional signals – either inputs or outputs.

This allows you to **control two Lenze Smart motors with one 8 I/O module**. The binary interface of the motor provides three digital inputs and one output - distributed over two M12 lines, which fits the module perfectly.

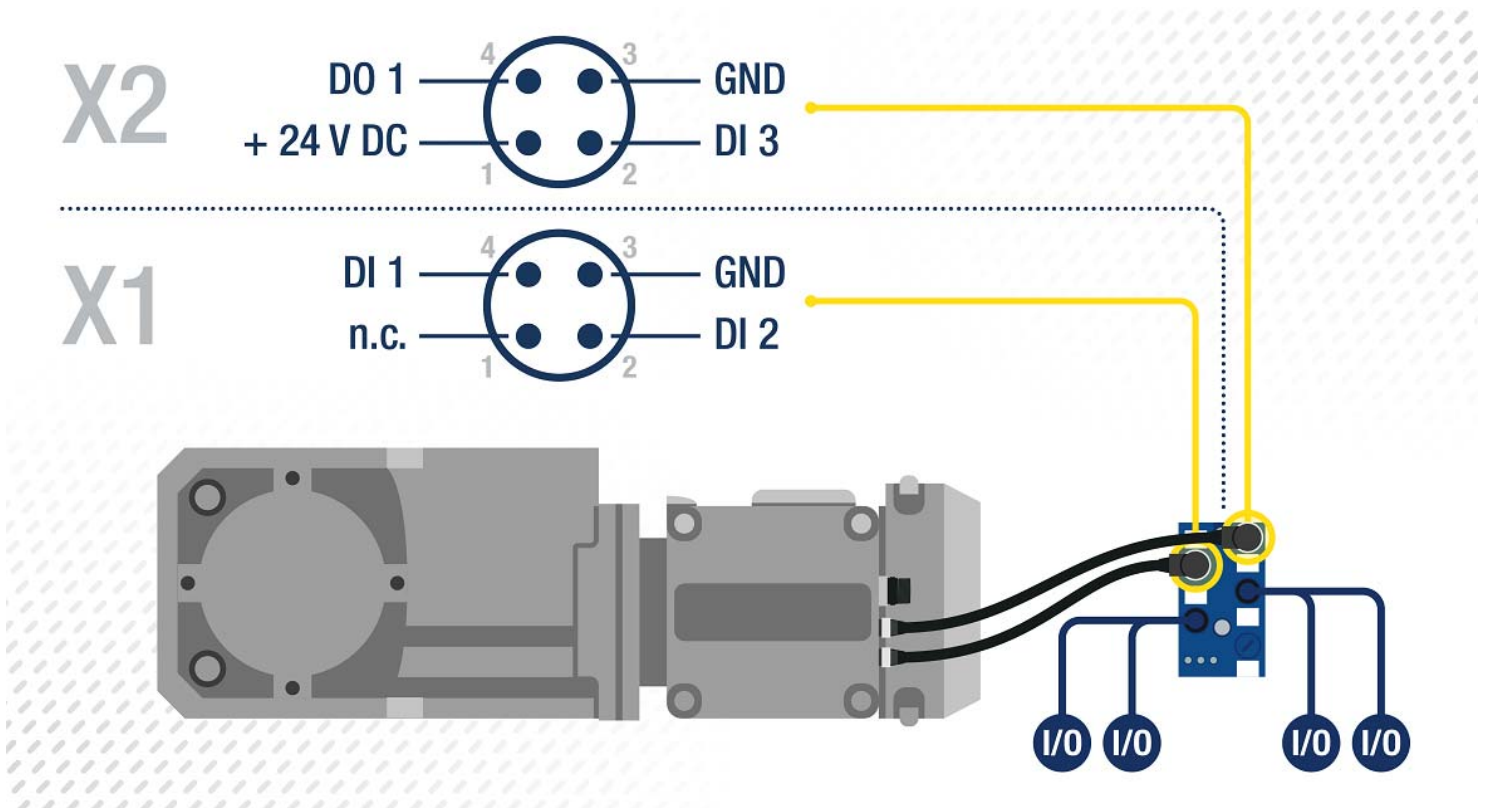


Fig.: The ASi-5 self-configuring 8 I/O module (BWU4232) offers four additional digital signals over 2 M12 connectors that can be used as inputs or outputs.

### Flexible in use

Due to its flexibility, the ASi-5 self-configuring 8 I/O module works in other applications as well: For example, the **IP20 version for a control station (pushbuttons and lights) in the control cabinet** and the **IP67 version for collecting sensors with either one or two switching signals** per M12 socket.

### High I/O density, precise diagnosis

Thanks to ASi-5, the **8-bit bidirectional process data** are transmitted consistently **in only 1.27 ms**. Due to the high I/O density per ASi-5 module, the **number of ASi addresses is greatly reduced**. The **channel-specific diagnosis** in the module make it possible to detect a **short circuit on the output or an overload of the sensor supply for each individual connection**. Thanks to the cyclic diagnosis, errors can be quickly localized and eliminated. And in combination with our **diagnostic software which provides you active assistance, troubleshooting becomes even easier**.

### All signals on a single line

In addition to controlling motors with AS-Interface you can transmit other standard or safety signals over the same network. This reduces the wiring effort and the associated costs.

## ASi-5 self-configuring 8 I/O module in detail:

- 8 digital inputs/outputs with ASi-5 in 1.27 ms
- Self-configuring
- Detailed channel-specific diagnosis
- Individual feedback on the status of the outputs
- Low overhead costs
- High I/O density
- Cost-effective digital outputs

Questions about our products and solutions?

We would be happy to assist you.

