

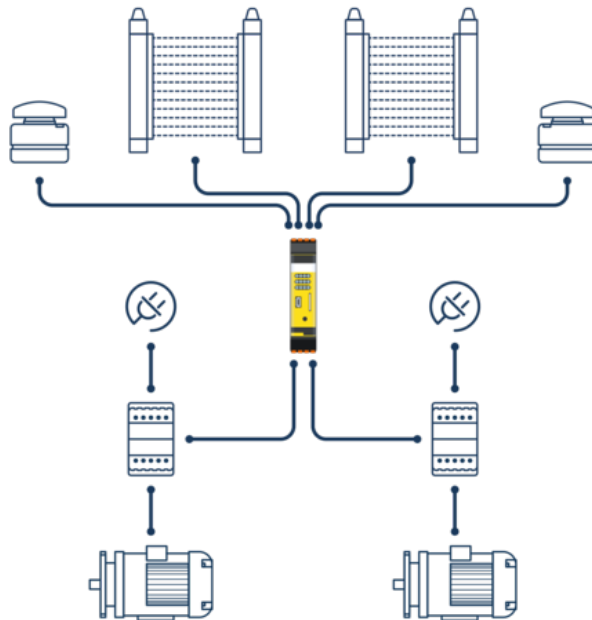
AS-Interface Master News (10/2023)

Safe Small Control – Compact, Cost-Effective and Configurable

Are you looking for a **cost-effective, safe small control** for use in small applications requiring three signals or more? Then you should take a look at our **Safety Basic Monitor!** The **stand-alone solution for the control cabinet** has two safe, wear-free electronic semiconductor outputs and up to four safe two-channel inputs or up to eight digital I/Os, depending on the configuration.

Easily Expandable

The Safety Basic Monitor can also process **up to 31 safe signals** and fulfill **complex safety-related requirements** if you combine it with other safe modules from Bihl+Wiedemann. **In addition to standstill and rotational speed**, many **other functions can then be reliably monitored**– this includes speed ranges, directions of rotation, position ranges, end positions, brake ramps and temperatures, among other things. Even **muting** can be easily implemented in this way.



*Fig.: As a safe compact controller with wear-free outputs, the **Safety Basic Monitor** can be used as an alternative to a mechanical safety relay, for example.*

Cost-Effective Scalability Through Safe Link

Do you want to implement large installations with **up to 1,922 safe signals**? Then, why not use [Safe Link](#) – our safe cross communication technology, **certified to SIL3/PLe**. Thanks to Safe Link, you can link **up to 31 Safety Basic Monitors or Safety Gateways with each other** via the Ethernet diagnostics interface. This makes it easy to connect several system components or driverless transport systems – even if **different controls** are used.

The Safety Basic Monitor in Detail

- Cost-effective versions for small applications
- Wide function range and detailed diagnostic
- Easily expandable via AS-Interface
- Easy linking to other systems via Safe Link
- Max. 31 safe modules per device
- Narrow width: 22.5 mm
- Possibility of integrated safe two-channel standstill monitoring up to SIL2/PId and safe speed monitoring up to SIL3/PLe
- Available with Ethernet TCP/IP or USB interface



[More information](#)

Further questions about our products and solutions?

We would be happy [to assist you](#).

