

# Activation of the “safe coupling” functionality

## Safe coupling

**Possibility of data exchange between ASi-5/ASi-3 Gateways with different safe fieldbus protocols via Safe Link and the Ethernet diagnostic interface**

- “Safe coupling” functionality can be purchased separately for the following Bihl+Wiedemann ASi-5/ASi-3 Gateways:

**BWU3974, BWU3977, BWU3980**



“Safe coupling” enables automatic configuration of the exchanged signals of two safe fieldbus protocols via Safe Link. If safe data is to be transmitted, only the gateways to be coupled need to be selected in ASIMON360 – the data is assigned automatically. This makes it easy to transfer up to 16 bytes between safe fieldbus protocols.

In order to ensure “safe coupling” between two gateways the corresponding license must be activated on both devices. Safe Link is used as the channel for communication via the Ethernet diagnostic interface of the gateways.

Article no.	BW5153
<b>General</b>	
Data exchange	up to 16 byte, device-dependent
Communication base	Safe Link
Data mapping	automatically via Safe Link
Supported safe fieldbus protocols	<ul style="list-style-type: none"> <li>• PROFIsafe</li> <li>• CIP Safety</li> <li>• FSoE</li> <li>• Further fieldbus protocols available on request</li> </ul>
Configuration	via ASIMON360 Software (BW2916)
Baud rates	100 MBaud
<b>Currently available fieldbuses</b>	

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