

Activation of the “fieldbus coupling” functionality

Fieldbus coupling

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

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

BWU3974, BWU3852, BWU3854



Fieldbus coupling enables data to be exchanged between two gateways, making it possible to transmit standard signals between two devices via an Ethernet connection.

In this way, data can be exchanged between different fieldbuses (e.g. PROFINET and EtherCAT), but also between the same fieldbuses (e.g. PROFINET and PROFINET).

The configuration and data mapping of the connection is carried out using the ASIMON360 or Asi Control Tools360 PC software.

To ensure fieldbus coupling between two gateways, the corresponding license must be activated on both devices.

The Ethernet diagnostic interface of the gateways is used as the channel for communication.

Article no.	BW5076
General	
Data exchange	up to 256 byte <ul style="list-style-type: none"> • adjustable bidirectional or unidirectional • coupling is synchronized to the fieldbus • optimized for low jitter
Supported fieldbus protocols	<ul style="list-style-type: none"> • PROFINET • EtherCAT • Further fieldbus protocols available on request
Data mapping	depending on the fieldbus
Configuration	via ASIMON360 Software (BW2916)
Baud rates	100 MBaud

Application example

