

PRESSEINFORMATION

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Datum 29.08.2017

AS-i 3.0 PROFIsafe via PROFINET Gateway with Safe Link (BWU3367)

With the AS-i Safety Gateway PROFIsafe via PROFINET with Safe Link (BWU3367) from Bihl+Wiedemann systems with safe drives can also be flexibly networked with each other and operated in a decentralized concept. This is possible due to the implementation of three safety protocols within one device: PROFIsafe, Safe Link and AS-i Safety.

The AS-i Safety PROFIsafe Gateway enables the realization of applications up to SIL3, PLe and contains two AS-i Masters for two AS-i networks. Furthermore, three two-channel safe inputs and six fast electronic safe outputs are already integrated in the device and can be expanded up to nearly 2000 safe in- and outputs.

With the currently most common AS-i Safety Gateways it is possible to connect up to two AS-i networks per Gateway to the failsafe controller. Based on the fact that the trend is towards ever more complex and branched systems, this was insufficient in the long run. That is why Bihl+Wiedemann has developed the AS-i PROFIsafe Gateway, that is – by means of the Safe Link technology – able to couple up to 31 machines or system parts, even if different fieldbuses are used in these segments.

The more complex an application becomes, the more a decentralized strategy with clear and easy to handle units gets into the center of attention. This is also true for systems with safe drives with PROFIsafe. With the AS-i Safety PROFIsafe Gateways from Bihl+Wiedemann they can be flexibly networked with each other: each system part has its own small or medium-size controller, with the safety program running completely in the AS-i Gateway in many cases and the individual segments are coupled very simply using Safe Link.

The AS-i PROFIsafe via PROFINET Gateway BWU3367 with Safe Link technology from Bihl+Wiedemann enables the integration of drive, periphery and safety technology in one device and provides for more functionality and flexibility. Furthermore, the user also profits from the numerous AS-i specific advantages – from the very simple installation technique of standard and safe sensors up to the extensive diagnostic options.