Activation of the "ZPA"-functions
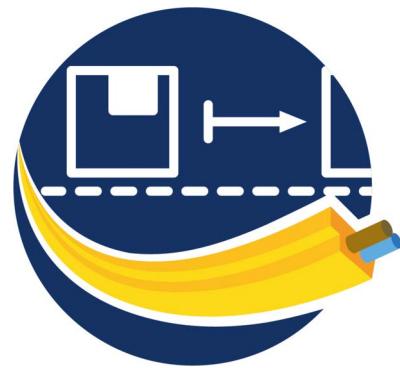
Bihl + Wiedemann

ZPA License (Zero Pressure Accumulation)

Activation of the ZPA functions (zero pressure accumulation) for an ASi gateway

Activation of the ZPA configuration in ASIMON360 or ASi ControlTools360

Currently available for
- BWU3847 + BWU3972:
  24 Volt ASi-5/ASi-3 PROFINET Gateway in stainless steel, 1 ASi-5/ASi-3 Master
- BWU3849:
  24 Volt ASi-5/ASi-3 EtherNet/IP + Modbus TCP Gateway in Stainless Steel, 1 ASi-5/ASi-3 master

ZPA, zero pressure accumulation, ensures fixed distances between the conveyed unit goods – so no unintentional collisions occur. ZPA is also energy-efficient because energy is only consumed when conveyed goods are actually being transported in the system.

The ZPA solution from Bihl+Wiedemann allows you to implement zero pressure accumulation conveying easily and cost-effectively. You benefit from autonomous and control-independent material handling. This is because there is no longer any need for centralized wiring and programming with the PLC.

Article no.	BW4921
System requirements	
Software requirements	ASIMON360 or ASi Control Tools360
	Windows 7 / Windows 8 / Windows 10 /Windows 11
Hardware requirements	a Pentinum® or fast Intel® processor (or compatible models, e.g. AMD® or Cyrix®)
ZPA description	
Flag area / fieldbus	256 Byte
Communication	Exchange of control commands and diagnostic information via the fieldbus interface of the devices possible
Fieldbus interface	PROFINET, EtherNet/IP, Modbus TCP
Programming	
Parameterization	Zone configuration via PC software ASIMON360 or ASi Control Tools360
Programming device	PC