

ARTISAN®
TECHNOLOGY GROUP

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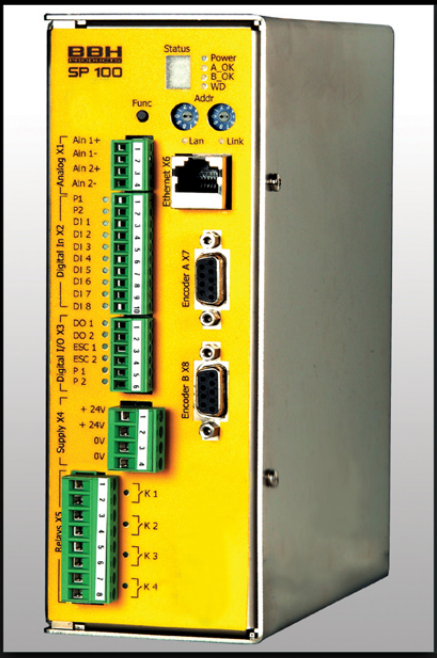
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Find the *BBH SP100.02/SB* at our website: *Click HERE*



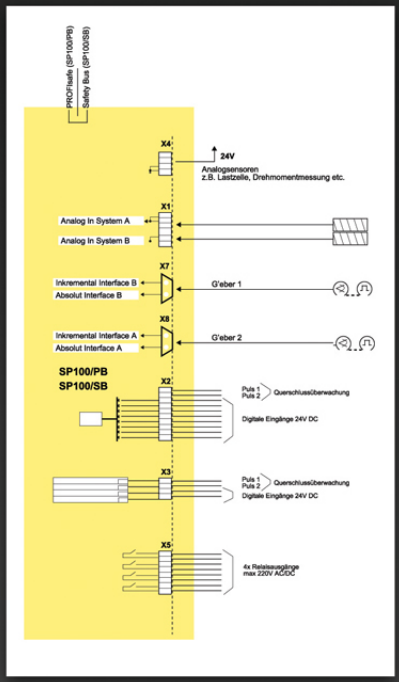
This product line has been designed for installations in complex automation environment. Equipped with an safe fieldbus interface – PROFIsafe or Safteybus P – this unit provides drive-related safety functions for further proc-essing in a centralized safe PLC. This unit works like a decentralized intelligent device via a safety bus system. At the input side the unit provides 8 safe inputs with cross-circuit monitoring as well as 2 transducer interfaces for speed – and / or position acquisition.

Using the SafeConfigurator the peripherals can be easy an clearly parameterized. Different transducer configura-tions and resolutions are processed after fast and easy acquisition.

The monitoring functions are provided in the device PAA/PAE as enabled inputs and resulting outputs. The safe digital inputs are represented in the same way, - as well as the piloting of relay- and digital outputs. The PROFIsafe profil is used for data interchange, (actual- and desired position) via the device PAA/PAE for further processing to the centralized safety-related PLC.

Additional to that, the outputs can be set into a safe status, using the configurable local interpretation. As a result of that the disconnection of a drive, released by a monitoring function, is possible regardless of the bus cycle time.

description		SP100/PB	SP100/SB
MSC	Revolution-/ Speed Monitoring	4	3
ZSC	Standstill Monitoring	1	1
DMC	Direction Monitoring	1	1
ESS	Emergency Stop Monitoring	2	2
ISS	Jogging Skip Supervision	1	1
PSC	Safe Cam Switch Position Speed Control	7	8
ELC	Software Limit Switch Emergency Limit Control	1	1
OLC	Operational Limit Control Collision Monitoring	1	1
PDM	Position Deviation Mode	1	-
	Digital Inputs	8	8
	Pulsed Outputs for Cross-Circuit Monitoring	2	2
	Sensor Inputs Speed / Position	2	2
	Monitoring of External Switch Contacts	2	2
	Analog Inputs	1x2	1x2
	Digital Outputs	2	2
	Relay Outputs	4	4
	Ethernet Configuration and Diagnostics Interface	x	x
	Safe Position	32 Bit	-
	PROFIsafe	x	
	Safety Bus p		x



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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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