

B&R INDUSTRIAL AUTOMATION

5AP920.1043-01

Automation Panel AP920 10.4-inch Operator Panel

Verified technical specifications

Parameter	Official value
Display	10.4-inch TFT color
Resolution	640 x 480 pixels (VGA), 4:3
Touchscreen	Analog resistive
Orientation	Landscape
USB	2 x USB 2.0 Type A
Expansion	Display Link card or Panel PC 300 insert
Cooling	Fan-free
Protection	IP65 front; IP20 rear with installed link card
Dimensions	32.3 x 26.0 x 5.5 cm
Weight	Approximately 2.9 kg

Model-specific summary

B&R 5AP920.1043-01 is a 10.4-inch Automation Panel AP920 with VGA resistive touch and support for Display Link or Panel PC 300 expansion.

5AP920.1043-01 selection and integration notes

Architecture

- A compatible Display Link card connects the panel to a remote industrial PC
- A Panel PC 300 insert can convert the panel into an integrated computer platform
- The rear protection rating applies only with the required link card or insert installed

Display

- The 10.4-inch screen uses a 4:3 VGA format
- Analog resistive touch supports operation with a finger or suitable stylus
- Landscape mounting matches the documented panel orientation

Installation

- The cabinet cutout and gasket condition determine the front sealing performance
- Fan-free operation still requires the documented clearances and ambient limits
- USB peripheral current must remain within the panel and installed-module power budget

Customer selection questions

Is B&R 5AP920.1043-01 a complete standalone computer?

Not by itself. It requires a compatible Display Link card for remote operation or a supported Panel PC 300 insert for integrated computing.

Which rear module must be matched for B&R 5AP920.1043-01?

Identify the installed Display Link card or Panel PC 300 insert and match its cable type, power, interfaces, firmware and host configuration.

Can a higher-resolution project be shown correctly on B&R 5AP920.1043-01?

The native panel resolution is 640 x 480, so the HMI project and host output should be configured for VGA to avoid scaling or layout problems.

How should B&R 5AP920.1043-01 touch accuracy be restored?

After confirming the correct display orientation and host driver, run the documented touch calibration and verify all screen corners.