

B&R INDUSTRIAL AUTOMATION

5AP1120.101E-000

10.1-inch Single-Touch Automation Panel

Technical specifications

Parameter	Official value
Display	10.1-inch TFT color
Resolution	1280 x 800 pixels (WXGA), 16:10
Touch technology	Analog resistive single-touch
Touch controller	B&R serial, 12-bit
Brightness	Typical 100 to 1000 cd/m2, dimmable
Contrast	800:1
Backlight half-brightness time	50,000 h
Colors	16.7 million
Compatible systems	PPC2100, PPC2200, PPC3x00 and link modules
Mounting	Landscape control-cabinet installation
Protection	IP65 front; IP20 rear with installed link or system unit
Front size (W x H)	27.9 x 19.1 cm
Product weight	1.9 kg

Product summary

B&R 5AP1120.101E-000 is a 10.1-inch WXGA single-touch Automation Panel for PPC2100, PPC2200, PPC3x00 and compatible link-module systems.

Selection and integration notes

Compatibility

- The panel is intended for PPC2100, PPC2200, PPC3x00 and supported link modules
- The installed rear unit determines host interfaces, power and software compatibility
- The complete rear-unit and cable material numbers must be matched before replacement

Touch

- Analog resistive single-touch supports operation with a stylus or gloved finger
- The B&R serial touch controller uses 12-bit conversion
- Touch calibration must be verified after changing the panel, orientation or host image

Installation

- The panel is designed for landscape control-cabinet mounting
- The fixed 3 mm gasket and correct cutout are required for the front seal
- Rear IP20 protection applies only with the specified link or system unit installed

Customer questions

Is B&R 5AP1120.101E-000 a complete industrial computer?

No. It is the display and touch panel; operation requires a compatible PPC2100, PPC2200, PPC3x00 or supported link/system unit.

What project resolution should be used with B&R 5AP1120.101E-000?

Use the native 1280 x 800 WXGA resolution in landscape format so graphics and touch targets align correctly.

Can B&R 5AP1120.101E-000 be operated with gloves?

Its analog resistive touch responds to pressure, so a stylus or suitable gloved finger can be used; verify operation with the actual glove and project controls.

What must match when replacing B&R 5AP1120.101E-000?

Match the rear unit, link type, cable, project resolution, touch driver, cabinet cutout and mounting hardware as well as the complete panel model.