

B&R INDUSTRIAL AUTOMATION

5AP1130.101E-000

10.1-inch Multi-Touch Automation Panel

Technical specifications

Parameter	Official value
Display	10.1-inch TFT color
Resolution	1280 x 800 pixels (WXGA), 16:10
Touch technology	Projected capacitive multi-touch (PCT)
Touch transmittance	Approximately 88%
Brightness	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	2.0 kg

Product summary

B&R 5AP1130.101E-000 is a 10.1-inch WXGA projected-capacitive multi-touch Automation Panel for PPC2100, PPC2200, PPC3x00 and link-module systems.

Selection and integration notes

Multi-Touch

- Projected-capacitive technology supports multi-touch operator interaction
- The touch surface has approximately 88% optical transmittance
- Host operating-system and project support must match the multi-touch panel

Compatibility

- The panel supports PPC2100, PPC2200, PPC3x00 and documented link modules
- The installed rear unit determines communication, power and software requirements
- Panel, rear-unit and cable material numbers must be checked as one system

Environment

- The correctly mounted front is rated IP65
- The rear is IP20 only with the specified link or system unit installed
- The fixed gasket and control-cabinet mounting arrangement protect the installed front

Customer questions

How does B&R 5AP1130.101E-000 differ from the single-touch version?

This model uses projected-capacitive multi-touch rather than analog resistive single-touch, so the host software and project must support its touch technology.

Can B&R 5AP1130.101E-000 run without a rear system unit?

No. It is the panel component and must be combined with a supported PPC or link/system unit.

Which resolution should the HMI project use for B&R 5AP1130.101E-000?

Use the native 1280 x 800 WXGA resolution and landscape orientation to preserve image and touch alignment.

Why might multi-touch gestures not work on B&R 5AP1130.101E-000 after replacement?

Check the rear unit, operating-system driver, firmware and project configuration because basic video operation does not prove multi-touch support is correctly configured.