

B&R INDUSTRIAL AUTOMATION

5AP1130.185C-000

18.5-inch Full HD Multi-Touch Automation Panel

Technical specifications

Parameter	Official value
Display	18.5-inch TFT color
Resolution	1920 x 1080 pixels (Full HD), 16:9
Touch technology	Projected capacitive multi-touch (PCT)
Touch transmittance	Approximately 88%
Brightness	Typical 40 to 400 cd/m2, dimmable
Contrast	1000:1
Backlight half-brightness time	50,000 h
Colors	16.7 million
Compatible systems	PPC900, 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)	47.5 x 29.5 cm
Product weight	4.7 kg

Product summary

B&R 5AP1130.185C-000 is an 18.5-inch Full HD projected-capacitive multi-touch Automation Panel for PPC900, PPC2100, PPC2200, PPC3x00 and link modules.

Selection and integration notes

Display

- The native format is 1920 x 1080 Full HD at a 16:9 aspect ratio
- The documented contrast ratio is 1000:1
- The LED backlight is dimmable from typical 40 to 400 cd/m2

Integration

- PPC900, PPC2100, PPC2200 and PPC3x00 architectures are supported
- Compatible link modules allow the panel to operate as a remote terminal
- Rear-unit, cable and software compatibility must be verified together

Mounting

- The 4.7 kg front assembly requires a rigid cabinet surface
- The 3 mm fixed gasket and correct cutout are required for the front seal
- Rear clearance must accommodate the selected system or link unit and its cabling

Customer questions

What resolution should be configured for B&R 5AP1130.185C-000?

Use the native 1920 x 1080 Full HD resolution in landscape format so the image and projected-capacitive touch coordinates remain aligned.

Can B&R 5AP1130.185C-000 be used as a complete Panel PC by itself?

No. It is the panel component and requires a compatible PPC900, PPC2100, PPC2200, PPC3x00 or link/system unit.

What cabinet checks matter before installing B&R 5AP1130.185C-000?

Confirm the cutout, door stiffness, 4.7 kg panel load, gasket condition, mounting hardware and rear clearance for the selected system unit.

Why can B&R 5AP1130.185C-000 show an image while multi-touch is unavailable?

Video and touch use different support paths; check the host operating system, touch driver, firmware, cable and project configuration.