APTER■POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

5AP1130.185C-000

18.5-inch Full HD Automation Panel

Full HD graphical display and projected-capacitive touch input

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R Automation Panel
Part number	5AP1130.185C-000
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

2 Technical Specifications

Technical values below are limited to the named B&R product record.

PARAMETER	TECHNICAL VALUE
Display	18.5 inch TFT
Resolution	1920 x 1080
Aspect ratio	16:9
Touch	Projected capacitive multi-touch
Colors	16.7 million
Brightness	40 to 400 cd/m2
Contrast	1000:1
Protection	IP65 front; IP20 rear

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	compatible Panel PC 900 electronics
Companion hardware	control-cabinet cutout
Field connection	24 V DC system supply
Primary system function	Uses an 18.5-inch Full HD display
Controlled acceptance duty	Machine HMI station

3 System Role and Architecture

Full HD graphical display and projected-capacitive touch input

FUNCTION 1

Uses an 18.5-inch Full HD display

FUNCTION 2

Provides projected capacitive multi-touch

FUNCTION 3

Offers 40-to-400 cd/m2 brightness

FUNCTION 4

Protects the front surface to IP65

Matched system components

- compatible Panel PC 900 electronics
- control-cabinet cutout
- 24 V DC system supply
- Automation Runtime visualization project

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	compatible Panel PC 900 electronics
Companion hardware	control-cabinet cutout
Field connection	24 V DC system supply
Primary system function	Uses an 18.5-inch Full HD display
Controlled acceptance duty	Machine HMI station

4 Applications and Engineering Context

Machine HMI station

Uses an 18.5-inch Full HD display

Multi-touch production console

Provides projected capacitive multi-touch

Panel PC modernization

Offers 40-to-400 cd/m2 brightness

Operator-panel replacement

Protects the front surface to IP65

TECHNICAL NOTE

Confirm the panel cutout, PC electronics, cable set, touch calibration and visualization resolution before sealing and commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	5AP1130.185C-000 / 5AP1130.185C-000 recorded
Physical interface	compatible Panel PC 900 electronics
Companion check	control-cabinet cutout
Functional proof	Uses an 18.5-inch Full HD display
Application test	Machine HMI station

5 Engineering Precautions

1. Verify the full 5AP1130.185C-000 marking and its assigned B&R Automation Panel position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and full hd graphical display and projected-capacitive touch input field energy before disconnecting conductors.
4. Record connector, conductor, address and software identities before removal.
5. Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
A5E00297630	Related industrial automation product	View A5E00297630 page
A5E36717793	Related industrial automation product	View A5E36717793 page
A5E36717811	Related industrial automation product	View A5E36717811 page
6ED1052-1HB08-0BA1	Related industrial automation product	View 6ED1052-1HB08-0BA1 page
130768-01	Related industrial automation product	View 130768-01 page
4300111	Related industrial automation product	View 4300111 page
125565-01	Related industrial automation product	View 125565-01 page
125388-01	Related industrial automation product	View 125388-01 page

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com