# 5AP1130.185C-000

## 18.5-inch Full HD Automation Panel

CONTROLLED ENGINEERING COPY

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

| INSTALLATION IDENTITY | REQUIRED VALUE |
|---|---|
| **Complete model** | 5AP1130.185C-000 |
| **Manufacturer part** | 5AP1130.185C-000 |
| **Hardware type** | 18.5 inch TFT |
| **System family** | B&R Automation Panel |

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

### APTER POWER SALES TEAM

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# 01 PRE-INSTALLATION PLAN

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.

## MATCHED HARDWARE

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

## INSTALLATION CONTROL RECORD

| CONTROL ITEM | REQUIRED RECORD |
|---|---|
| **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 |

# 02 WIRING & INTERFACE CHECKS

| CHECK ITEM | REQUIRED 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 |

## SYSTEM CONNECTION RECORD

| CONNECTION ITEM | DOCUMENTED 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 |

### FIELD NOTE

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

# 03 COMMISSIONING WORKFLOW

1. Confirm 5AP1130.185C-000 and part number 5AP1130.185C-000 against the installed record.
2. Verify the physical connection to compatible Panel PC 900 electronics.
3. Apply the documented technical values for display.
4. Exercise the function: uses an 18.5-inch full hd display.
5. Run a controlled test for machine hmi station.
6. Record the final state, diagnostics and operator acceptance before release.

## COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM | 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 |

# 04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed compatible Panel PC 900 electronics and control-cabinet cutout against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended machine hmi station function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

## VERIFICATION RECORD

| | |
|---|---|
| **PRODUCT IDENTITY** | 5AP1130.185C-000 |
| **INSTALLED POSITION** | Documented B&R Automation Panel position |
| **VERIFICATION METHOD** | Controlled inspection and functional test |
| **RELEASE RECORD** | Final diagnostic state retained before service |

## RELATED PRODUCTS ON APTER POWER

| MODEL | SYSTEM ROLE | APTER POWER PAGE |
|---|---|---|
| **CP451-10-S2** | Related industrial automation product | View CP451-10-S2 page |
| **330104-03-06-10-02-00** | Related industrial automation product | View 330104-03-06-10-02-00 page |
| **330104-00-15-10-02-00** | Related industrial automation product | View 330104-00-15-10-02-00 page |
| **330104-00-12-10-02-00** | Related industrial automation product | View 330104-00-12-10-02-00 page |
| **330910-00-05-50-02-00** | Related industrial automation product | View 330910-00-05-50-02-00 page |
| **6ES7223-1BL22-0XA0** | Related industrial automation product | View 6ES7223-1BL22-0XA0 page |
| **IC200MDL740** | Related industrial automation product | View IC200MDL740 page |
| **KJ4006X1-BD1** | Related industrial automation product | View KJ4006X1-BD1 page |

## SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data


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