

ABB ADVANT CONTROLLER 31

Product Data Sheet

07SK90R1

industrial programming cable

FUNCTION industrial programming cable	FAMILY ABB Advant Controller 31	ORIGIN Germany	WEIGHT 0.2 kg
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ABB Advant Controller 31 07SK90R1 is a industrial programming cable for the ABB Advant Controller 31. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	07SK90R1
Product Family	ABB Advant Controller 31
Component Type	Industrial Programming Cable
System Class	DCS System
Mounting Format	External cable assembly
System Interface	CS31 system bus
Control Supply	24 V DC control class
Channel Capacity	Point-to-point connection
Signal Standard	Manufacturer keyed cable

ADDITIONAL PRODUCT DATA

Electrical Isolation	Not applicable - passive cable
Operating Temperature	0 to +55 °C cabinet range
Protection Level	IP20 control cabinet
Configuration Tool	AC31 engineering software
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented industrial programming cable: Use 07SK90R1 in the specified ABB Advant Controller 31 position with the documented supply, signal range and system interface. Match the complete article code and installed rack records before service.
- Restore every documented connection: Record terminal numbers, connector keying, rack position, shields and protective earth for 07SK90R1. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 07SK90R1, check power and module diagnostics, then test the affected I/O, communication, controller or measurement function at a safe operating point and record acceptance.

SYSTEM COMPATIBILITY

Match 07SK90R1 to the installed ABB Advant Controller 31, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant Controller 31 manufacturer documentation](#)

<https://library.e.abb.com/public/8242193bfc8ef0d3c1257c2100539c14/2CDC120026M0202.pdf>

AMIKON PRODUCT SUPPORT

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