

B&R · B&R System 2003

7AO352.70

System 2003 Two-Channel Analog Output Module

Technical specifications

Analog outputs	2
Voltage range	±10 V
Current range	0 to 20 mA
Resolution	12 bit
Mounting	System 2003 screw-in module
Required terminal block	1 x TB712 ordered separately
Current output load	Max. 400 Ω
Voltage output load	Max. 10 mA
Power consumption	1.2 W

Description

B&R 7AO352.70 is a two-channel 12-bit analog output screw-in module configurable for plus or minus 10 V or 0 to 20 mA signals.

It generates analog setpoints for compatible drives, valves and process devices from a System 2003 CPU.

Before installation or replacement, verify the selected voltage or current mode, load impedance, channel common and polarity, TB712 terminal block, cable shielding, project scaling and safe fallback value.

Applications

- Analog speed or torque setpoints for compatible drive interfaces
- 0 to 20 mA command signals for process actuators
- Plus or minus 10 V reference signals for machine-control equipment

Selection and replacement checks

B&R 7AO352.70 must be matched by complete material number, compatible System 2003 CPU or station, slot and terminal map, power and field wiring, saved project and connected devices. Back up the configuration and perform a controlled functional test after replacement.