

B&R · B&R System 2003

7IF361.70-1

System 2003 PROFIBUS DP Slave Interface Module

Exact-model official B&R product evidence found

Technical specifications

Fieldbus role	PROFIBUS DP slave
Physical interface	RS485
Interfaces	1
Connector	9-pin female D-sub
Maximum transfer rate	12 Mbit/s
Bus termination	External, using T-connector
Controller	SPC3 ASIC
RAM	1.5 kB
Electrical isolation	PLC to interface: Yes
Network capability	Yes
Power consumption	2.6 W
Status indication	Transmit and receive LEDs
Degree of protection	IP20
Operating temperature	0 to 60°C horizontal; 0 to 50°C vertical
Storage temperature	-25 to 70°C
Relative humidity	5 to 95%, non-condensing
Certifications	CE, UKCA, cULus E115267

Documented role

B&R 7IF361.70-1 is a System 2003 screw-in communication module with one electrically isolated RS485 interface for PROFIBUS DP slave operation.

It connects a compatible System 2003 CPU to a PROFIBUS DP master and supports cyclic fieldbus data exchange at documented network rates up to 12 Mbit/s.

Applications

- Connecting System 2003 stations as PROFIBUS DP slaves
- Cyclic process-data exchange with a PROFIBUS DP master
- Retrofitting an existing PROFIBUS machine node while retaining its verified GSD and station configuration

Selection note

B&R 7IF361.70-1 must be matched by complete material number, compatible System 2003 station or CPU, 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.