

INDUSTRIAL AUTOMATION PRODUCT

8BAC0133.000-1

Three-Channel ABR Encoder Emulation Module

B&R 8BAC0133.000-1 is a three-channel abr encoder emulation module for the documented ACOPOSmulti installation.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	ACOPOSmulti
Part number	8BAC0133.000-1
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm B&R 8BAC0133.000-1, ACOPOSmulti drive plug-in slot, three RS422 ABR outputs, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

System Role and Architecture

B&R 8BAC0133.000-1 is a three-channel abr encoder emulation module for the documented ACOPOSmulti installation.

FUNCTION 1
Provides ABR encoder signal emulation

FUNCTION 2
Uses exact B&R article identity
8BAC0133.000-1

FUNCTION 3
Matches component: ACOPOSmulti plug-in module

FUNCTION 4
Matches outputs: 3 RS422 outputs

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	ACOPOSmulti
02	ACOPOSmulti drive plug-in slot
03	three RS422 ABR outputs
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ACOPOSmulti
Interface role	ABR encoder signal emulation
Field / power context	ACOPOSmulti drive plug-in slot
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete B&R 8BAC0133.000-1 marking and installed ACOPOSmulti position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record three RS422 ABR outputs, terminal assignments, shielding and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Component	ACOPOSmulti plug-in module	Installation	Approved ACOPOSmulti plug-in slot
Outputs	3 RS422 outputs	Signal standard	RS422 differential
Function	ABR encoder emulation	Commissioning	Output assignment and timing verification
Maximum frequency	1 MHz		

ENGINEERING BOUNDARY

Confirm B&R 8BAC0133.000-1, ACOPOSmulti drive plug-in slot, three RS422 ABR outputs, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete B&R 8BAC0133.000-1 marking and installed ACOPOSmulti position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record three RS422 ABR outputs, terminal assignments, shielding and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Applications and Engineering Context

ACOPOSmulti system maintenance

Restores ABR encoder signal emulation in the documented installation.

Controlled hardware replacement

Preserves the exact 8BAC0133.000-1 identity and approved configuration.

Interface verification

Confirms three RS422 ABR outputs before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

TECHNICAL NOTE

Confirm B&R 8BAC0133.000-1, ACOPOSmulti drive plug-in slot, three RS422 ABR outputs, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	8BAC0133.000-1 recorded
Host / carrier	ACOPOSmulti
Physical interface	three RS422 ABR outputs matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled ABR encoder signal emulation response recorded

IMPORTANT NOTICE

Confirm B&R 8BAC0133.000-1, ACOPOSmulti drive plug-in slot, three RS422 ABR outputs, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330905-00-09-10-02-00
02	Bently Nevada 330104-00-06-05-01-00
03	Bently Nevada 330104-09-18-05-01-05
04	Bently Nevada 330104-07-14-05-01-05
05	Bently Nevada 330104-08-15-05-01-05
06	Bently Nevada 330104-04-12-05-01-05
07	Bently Nevada 330104-06-13-05-01-05
08	Bently Nevada 330104-00-06-05-11-05

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

B&R 8BAC0133.000-1 product data | ACOPOSmulti User's Manual

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