

APTER POWER

COMPLETE PRODUCT INFORMATION

X20AI2632

Two-Channel Analog Input Module

B&R X20AI2632 is a two-channel analog input module for the documented X20 System installation.

PRODUCT SNAPSHOT

BRAND
B&R

FAMILY
X20 System

PART
X20AI2632

ORIGIN / HS
Austria / 8537101190

APTER POWER

WHATSAPP / PHONE

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SHIP FROM

Xiamen, Fujian, China



PRODUCT OVERVIEW

B&R X20AI2632 is a two-channel analog input module for the documented X20 System installation.



Provides two-channel analog signal acquisition



Uses exact B&R article identity X20AI2632



Matches analog inputs: 2



Matches signal ranges: +/-10 V or 0 to 20 mA

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitior Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs two-channel analog signal acquisition in the documented X20 I/O station. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Analog inputs	2
Signal ranges	+/-10 V or 0 to 20 mA
Converter resolution	16 bit
Isolation	Channels isolated from bus
Channel isolation	Channels not isolated from each other

PARAMETER	VALUE
Bus module	X20BM11
Terminal block	X20TB06 or X20TB12
Protection	IP20
Pitch	12.5 mm

TECHNICAL NOTE

Confirm B&R X20AI2632, X20 I/O station, two voltage or current input channels and X20TB06/X20TB12, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

X20 System system maintenance

Restores two-channel analog signal acquisition in the documented installation.

Controlled hardware replacement

Preserves the exact X20AI2632 identity and approved configuration.

Interface verification

Confirms two voltage or current input channels and X20TB06/X20TB12 before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

PRODUCT PRECAUTIONS

1

Confirm the complete B&R X20AI2632 marking and installed X20 System position before work.

2

Place the machine or process in the approved maintenance state and isolate every applicable energy

3

Record two voltage or current input channels and X20TB06/X20TB12, terminal assignments, shielding

4

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

5

Verify analog inputs (2) against the installed project and connected hardware.

6

Verify signal ranges (+/-10 V or 0 to 20 mA) and restore only the approved configuration.

7

Energize in the prescribed sequence and review module, host and network diagnostics.

8

Complete a controlled two-channel analog signal acquisition test and retain the acceptance result before

ENGINEER FAQ

Q1 How is the exact X20AI2632 execution identified?

Match the complete B&R X20AI2632 marking and the controlled installed-position record.

Q2 What documented role does X20AI2632 perform?

It performs two-channel analog signal acquisition in the documented X20 I/O station.

Q3 Which host must be matched before fitting X20AI2632?

Match the exact X20 I/O station and approved system position.

Q4 Which interfaces must be recorded for X20AI2632?

Record two voltage or current input channels and X20TB06/X20TB12, mounting, shielding, grounding and cable routing.

Q5 What isolation controls apply to X20AI2632?

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

Q6 What must be restored after installing X20AI2632?

Verify signal ranges (+/-10 V or 0 to 20 mA) and restore only the approved configuration.

Q7 What proves X20AI2632 is ready for service?

Retain diagnostics and a controlled two-channel analog signal acquisition response test.

Q8 Which manufacturer record supports the X20AI2632 page?

Data sheet X20AI2632 and the official B&R product record for X20AI2632.

RELATED APTER POWER PAGES

330102-00-70-10-01-05	330102-00-80-10-01-05	330101-00-35-10-01-05	330104-06-14-10-02-00
330101-00-12-10-02-05	330101-00-39-10-02-05	330105-02-12-10-12-RU	330130-040-10-00

SOURCE B&R X20AI2632 product data | Data sheet X20AI2632

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