

ANYBUS X-GATEWAY

Product Data Sheet

AB7808-F

PROFIBUS master to Modbus RTU gateway

PRODUCT TYPE	PROFIBUS MODE	MODBUS RTU MODE	INPUT VOLTAGE
Industrial protocol gateway	Master	Slave	24 V DC $\pm 20\%$

HMS AB7808-F is a PROFIBUS master to Modbus RTU gateway in the Anybus X-gateway family. The exact order code identifies the documented interface and electrical configuration for this article.

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VERIFIED TECHNICAL DATA

Product type	Industrial protocol gateway
PROFIBUS mode	Master
Modbus RTU mode	Slave
Input voltage	24 V DC $\pm 20\%$
Typical current	200 mA at 24 V DC
Maximum current	400 mA at 24 V DC
Modbus baud rate	1200 to 57600 bit/s
PROFIBUS baud rate	9600 bit/s to 12 Mbit/s
PROFIBUS addresses	0 to 125
Input data size	512 bytes per network

ADDITIONAL PRODUCT DATA

Output data size	512 bytes per network
Mounting	DIN rail to EN 50022
Protection rating	IP20
Isolation	Galvanic isolation provided
Lifecycle	Legacy product

DOCUMENTED USE SETTINGS

Industrial Networks and Communication Facilities: Factory and utility communication facilities.

Energy Management and Utility Facilities: Industrial energy and metering facilities.

Road Transport and Traffic Infrastructure: Highway and traffic management facilities.

SYSTEM COMPATIBILITY

AB7808-F is a PROFIBUS master to Modbus RTU gateway in the Anybus X-gateway family. Confirm the complete article identity and compare its documented product type of Industrial protocol gateway with the installed requirement.

PRODUCT EVIDENCE

HMS manufacturer documentation