

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Honeywell 942-M0A-2D-1G1-220S

Product Reference

Series 942 ultrasonic sensor control amplifier

DOCUMENT SCOPE

Independent Apter Power manual limited to verified identity evidence and any directly relevant Honeywell sources listed in this document. No product photograph is included.

Product / lookup identity	Honeywell 942-M0A-2D-1G1-220S
Reference number	942-M0A-2D-1G1-220S
Document basis	Published Honeywell product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Honeywell/942-m0a-2d-1g1-220s>

Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Honeywell 942-M0A-2D-1G1-220S is a Series 942 ultrasonic sensor control amplifier with analog, switching and digital outputs. Use 942-M0A-2D-1G1-220S only with the exact host, rack or chassis, terminal hardware, cable and project configuration specified for the installed system. System context: Series 942 ultrasonic sensor control amplifier.

Published field	Manufacturer-published value or verified identity note
Series	942 ultrasonic sensing
Scan distance	1,500 mm
Analog outputs	0-10 VDC and 4-20 mA
Switching outputs	Two PNP outputs
Sensor head	Use with the specified 942 or 947 head
Verification Status	Verified Product Reference

System function and signal path

01	System Inputs: Series 942 ultrasonic sensor control amplifier
02	Processing: Use 942-M0A-2D-1G1-220S only with the exact host, rack or chassis, terminal hardware, cable and project configuration specified for the installed system.

Applications and answers

1 Installed-base maintenance: Supports identification and maintenance planning for Honeywell 942-M0A-2D-1G1-220S.

2 Compatibility review: Compares the exact hardware, host, rack or chassis, terminal assembly, cable and revision before replacement.

3 Installation planning: Defines the isolation, mounting, wiring and configuration checks required before field work.

4 Commissioning and troubleshooting: Supports controlled power, communication, channel, diagnostic and alarm checks after work.

Frequently asked questions

How do I confirm compatibility with the installed system?	Match the complete model and part number, host system, rack or chassis, terminal assembly, cable, firmware and project documentation.
What should be checked before ordering a replacement?	Provide clear nameplate photos and verify the installed slot, connector, terminal hardware, field wiring and required revision.
Can a similar Honeywell or related model be used as a direct replacement?	Only when the manufacturer documentation and the installed project explicitly approve that exact substitution.
What must be checked before installation?	Confirm isolation, power, keying, mounting, connector orientation, cable code, wiring polarity and the latest configuration backup.
Can the product be installed or removed while energized?	Follow the exact hardware manual and site procedure; otherwise de-energize the circuit before handling the hardware or field wiring.
How should wiring and termination be verified?	Compare every conductor, shield, polarity, terminal number and field supply with the approved drawings before moving any wire.