AUTOMATION TRADER

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

Industrial automation components

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Manufacturer	Honeywell
Catalog number	942-m0a-2d-1g1-220s
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Sensing Range	150 mm to 1500 mm (6.0 in to 59.0 in)
Analog Outputs	0 Vdc to 10 Vdc and 4 mA to 20 mA V/mA
Switching Outputs	2 x PNP
Digital Link	RS-232 Interface
Mounting Style	DIN Rail

Description

942-M0A-2D-1G1-220S - ultrasonic proximity sensor, Honeywell. Sensing range: 150 mm to 1500 mm; middle range: 1.0 m to 2.0 m. Supply voltage: 19 Vdc to 30 Vdc; oscillating frequency: 220 KHz.

Outputs: 0 Vdc to 10 Vdc and 4 mA to 20 mA, 2 x PNP switching outputs, digital link with RS-232 interface. Integrated temperature compensation, repeatability ±0.2% ±1.0 mm, adjustable sensitivity, programmable hysteresis.

Response time: 60 ms for moving targets below 1 m/s, 300 ms for target present/absent detection. Plastic control box with screw terminals, IP40, DIN rail mounting. Operating temperature: 0 °C to 50 °C; storage temperature: -25 °C to 85 °C.