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Find the *OMRON V720-H01-E* at our website: *Click HERE*

V720-Series
Electromagnetic Inductive RFID System

Read Write Antenna V720-H01-E



V720-H01-E

Product Description

OMRON's medium-range Read Write Antenna has a maximum communication distance of 25 cm with OMRON smart labels. Combined with the V720-CD1D, the V720-H01-E provides a complete RFID system.

Features

- Communication frequency: 13.56 MHz
- Conforms to the international standard ISO 15693 for contactless IC cards.
- Conforms to EC Directives and FCC.
- Provides a communication distance of 25 cm.
- Mounting on metal is possible.
- Various lengths of cables prepared.

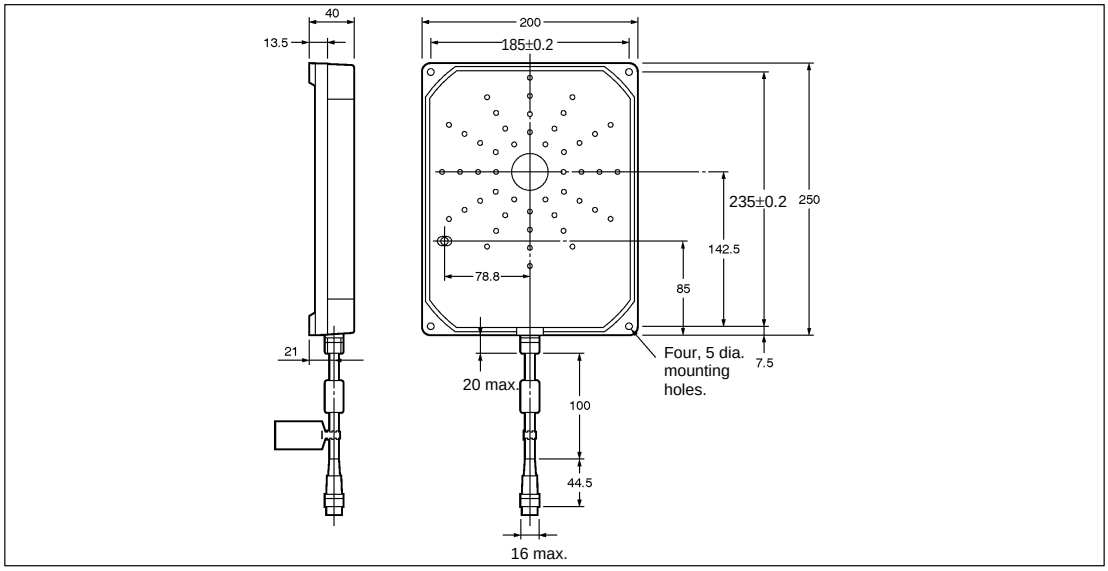
Benefits

- Easy installation.
- High reading accuracy even in dirty or dusty environments.

Note: Ask about applications requiring special Antenna designs.

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Dimensions of the Read Write Antenna



■ General Specifications

Item	Specifications
Communication frequency	13.56 MHz
Ambient temperature in operation	-20 to 55°C (with no icing)
Ambient temperature in storage	-35 to 65°C (with no icing)
Ambient humidity in operation	35% to 85% (with no condensation)
Insulation resistance	20 MΩ min. (at 100 VDC) between rear plate and casing
Dielectric strength	1,000 VAC (50/60 Hz) for 1 minute between rear plate and casing
Degree of protection	IEC60529 IP40 (except connector)
Vibration resistance	Destruction: 10 to 150 Hz, 1.5-mm double amplitude at 100 m/s^2 in X, Y, and Z directions twice each for 8 minutes
Shock resistance	Destruction: 150 m/s^2 three times each in X, Y, and Z directions
Cable length	0.1 m (use an extension cable to connect to the ID Controller up to 50.1 m)
LED indicators	Power supply: Green Communications: Orange
Weight	Approx. 800 g
Applicable standards	ETS 300 330, ETS 300 683, FCC Part 15 Subpart C

Cat. No. RF502-E1-1 **In the interest of product improvement, specifications are subject to change without notice.**

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