

M02

WiFi Expansion Module



Key Features

- ▶ Modular design adds wireless connectivity to HMI
- ▶ Compact design with minimal protrusion, avoiding space issues in control cabinet installation
- ▶ Included magnetic mount antenna enables optimal placement for maximum signal strength
- ▶ WiFi standards supported include: IEEE 802.11b/g/n

Technical Specifications

Network

WiFi	IEEE 802.11 b/g/n
	802.11b: max 19.76 dBm
	802.11g: max 19.93 dBm
	802.11n: max 19.99 dBm

I/O Port

SMA Female Connector	1
Male Connector to HMI	1

Power

Input Power	5 VDC
Power Consumption	900 mA @ 5 VDC (powered by HMI)
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Plastic
Dimensions W×H×D	54.5 × 80 × 24.1 mm
Weight	Approx. 80 g
Mount	HMI connector + diagonal screw fastening

Environment

PCB Coating	N/A
Protection Structure	M02: IP20 Compliant
	Antenna: IP66 Compliant
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Operating Temperature	0° ~ 55°C (32° ~ 131°F)
Relative Humidity	10 % ~ 90 % (non-condensing)
Altitude	3,000 m
Vibration Endurance	10 to 25 Hz (X, Y, Z direction 2G 30 minutes)

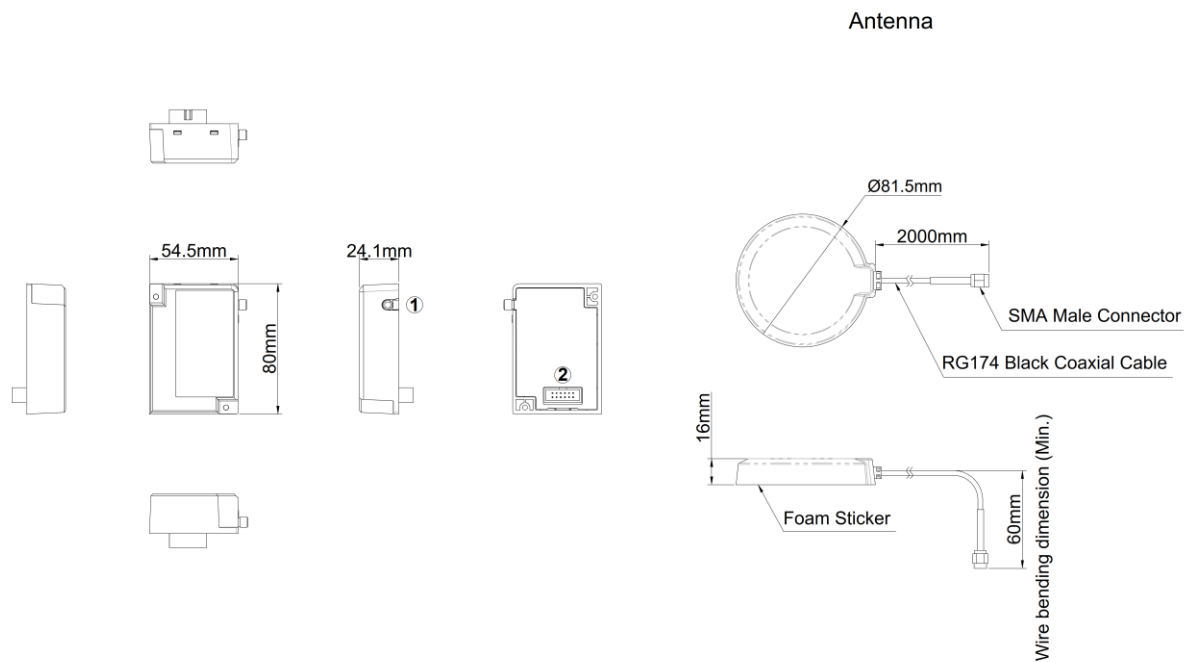
Certificate

CE	CE Marked
UL	cULus Listed

Software

EasyBuilder Pro	V6.05.02 or later versions
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Dimensions



1 SMA Female Connector

2 Male Connector to HMI

Part Number



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【RZ0W00100】 (included in package)

Magnetic Mount Antenna 2.94dBi, IP66, SMA Male connector, wire length: 2000 mm