EB 80 ELECTRICAL MODULES - S

EB 80 WIRELESS MODULE - S



The EB 80 Wireless module complements both Bluetooth® and Wi-Fi communication and displays data made available by the EB 80's advanced diagnostics functions, called EB 80 14.0.

These functions provide traditional servicing with a powerful analysis tool to ensure reliable, safe and long-lasting operation.

This module can be added at any time: simply unscrew the metal plate on the left side of the 'Electrical connection E' module or the 'Signal module S' module, fit the 'Wireless module S' (ready fitted with tie rods for fixing) and screw the locking plate back on the left side.

Fully compatible with all electrical fieldbus connections, it offers advanced

diagnostics in accordance with Industry 4.0 requirements.

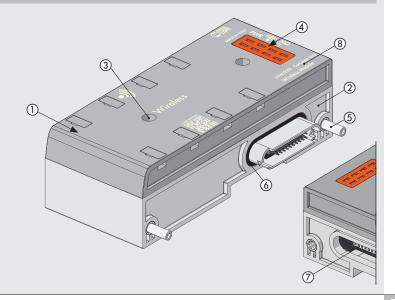
Via the dedicated 'Metal Work EB80Up', this module communicates via Bluetooth with mobile devices (smartphones and tablets) to display diagnostic and operating data. On top of that, all network parameters can be set for communication with Ethernet networks via the MQTT protocol.



TECHNICAL DATA		
Communication protocols		Wi-Fi MQTT
		Bluetooth® LE
Connection status reporting		3 LED, Power - Wi-Fi - MQTT
Degree of protection		IP 65
Ambient temperature	°C	-10 to + 60
·	°F	14 to 122

COMPONENTS

- ① UPPER PART BODY: technopolymer
- 2 LOWER PART BODY: technopolymer
- 3 SCREW securing the upper part to the lower part
- (5) TIE ROD to secure modules: nickel-plated brass + stainless steel grub screw
- 6 GASKET: NBR
- (7) FEMALE CONNECTOR for other modules S or fieldbus connection - E
- IDENTIFICATION of wording with laser



WIRELESS CONNECTION

Connecting to a Wi-Fi network via an Access point to display diagnostic data is also possible.

Layout of the connection via an Access point to an MQTT broker

MQTT









Collecting data from the field provides predictive diagnostics of the plant, i.e.

- managing preventive maintenance;
- keeping the operating parameters under control at all times and optimising the operation of the machines and the pneumatic system.

The 'Metal Work EB80Up' App provides a Bluetooth connection from Android smartphones and the iOS to the EB 80 wireless module installed on the island.

Via the 'Metal Work EB80Up' App, you can:

- scan nearby EB 80 devices;
- login and view device diagnostic data;
- reset the number of valve cycles;
- reset the number of cycles of virtual actuators;
- set wireless network parameters.

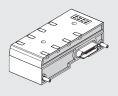


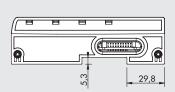


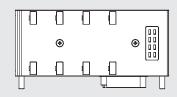


DIMENSIONS - ORDERING CODES

WIRELESS MODULE







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02282 520	EB 80 Wireless module	180	

Description

Code

Weight [g]

KEY TO CODES

02282	S	20
FAMILY	SUBSYSTEM	TYPE
02282 EB 80	S Modules	20 Wireless