

Remote Modular Controller (RMC-100)

Safety and Compliance

Safety

Observe and follow warning signs on packaging, in documentation, and on the device. This document does not address safety hazards that may apply to third party devices that may be connected to the RMC-100.

Potential safety hazards

The RMC uses voltages in the range of 9-30 Vdc plus some percent of tolerance. There are no hazardous voltages present in the device. However, some optional power sources might convert power from Vac to Vdc.

Pressurized natural gas is present in the measurement pipeline. Natural gas can escape from the pipeline during installation, calibration, or following damage to the pipeline. Only properly trained and authorized personnel should work in hazardous locations.



WARNING – Bodily injury. Apply power only after the procedures are complete. Technicians must perform the procedures in order: plan, install, wire, verify the power-on sequence, and configure.



WARNING – Bodily injury. Read and follow instructions contained in the RMC User manual before and during equipment installation. Failure to do so could result in bodily injury or equipment damage.



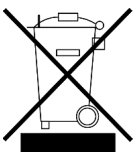
DANGER – Bodily injury. Ensure there is no hazardous atmosphere present when performing maintenance on the unit. Do not separate energized components in areas with explosive atmospheres. This applies to all connectors and connections, cabling and wiring.



NOTICE – Equipment damage or loss of data. Potential electrostatic charging hazard. Clean only with a damp cloth.

Compliance

EU Directive 2012/19/EU – WEEE



Waste Electrical and Electronic Equipment (WEEE), marked using the crossed-out wheeled bin symbol, shall not be mixed with general household waste. Correct disposal at a recycling facility will help save valuable resources and prevent potential negative effects on health and the environment. These steps ensure compliance with the WEEE Directive.

FCC RF compliance

CONTAINS FCC CERTIFIED TRANSMITTER MODULE(S).
THIS PRODUCT CONTAINS FCC ID: Z64-WL18DBMOD.
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

THIS PRODUCT CONTAINS IC: 5530C-WL1837MOD. THIS
DEVICE COMPLIES WITH RSS-GEN OF THE IC RULES

OPERATION IS SUBJECT TO THE FOLLOWING 2 CONDITIONS:
THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.
THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING ANY INTERFERENCE THAT MAY CAUSE
UNDESIRE OPERATION.



Cyber security

This product is designed to be connected, and communicate information and data, via a network interface. All Totalflow products should be connected to a secure network. It is the customer's sole responsibility to provide, and continuously ensure, a secure connection between the product(s) and the customer network as well as a secured and controlled physical access to the hardware equipment, or any other network (as the case may be). The customer shall establish and maintain appropriate measures (such as, but not limited to, the installation of firewalls, the application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the products, the network, its system and its interfaces against any kind of security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information. ABB Inc. and its affiliates are not liable for damages and/or losses related to security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information.

Although ABB provides functionality testing on the products and updates it releases, the customer should institute its own testing program for any product updates or other major system updates (to include, but not limited to, code changes, configuration file changes, third party software updates or patches, hardware change-out, etc.) to ensure that the security measures the customer has implemented have not been compromised and that the system functions in the customer's environment as expected.



NOTICE – Instructions are not printed.

Use the following code to access user manuals, guides and drawings.

[RMC-100 webpage](#)

