

**Foxboro - Foxboro 200 Series****FBM207****16-Channel Voltage Monitor Input Module****Verified model data**

|                          |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| Manufacturer             | Foxboro                                                                          |
| Functional designation   | FBM207                                                                           |
| Exact module part number | RH914TD                                                                          |
| Channels                 | 16 isolated DC voltage-monitor inputs                                            |
| On-state range           | 15 to 60 VDC                                                                     |
| Module dimensions        | 4.5 × 10.2 × 10.4 cm (W × H × D)                                                 |
| Module net weight        | 0.185 kg, approximate                                                            |
| Heat dissipation         | 5.5 W, including contribution from the field power supply                        |
| Channel isolation test   | 600 VAC for 1 minute between any channel and ground, or between any two channels |
| Operating temperature    | -20 to +70°C                                                                     |
| Storage temperature      | -40 to +70°C                                                                     |

**Selection summary**

Foxboro FBM207 monitors sixteen independent DC field-voltage inputs and transfers their states over the redundant Module Fieldbus.

Each channel is isolated from the others and ground, while configurable debounce allows the database to reject short disturbances according to the application.

The module is used for reliable equipment-status and interlock inputs where field voltage rather than internally wetted contact sensing is required.

**Foxboro - Foxboro 200 Series****FBM207****Additional verified data**

|                   |                          |
|-------------------|--------------------------|
| Relative humidity | 5 to 95%, non-condensing |
| Vibration         | 0.75 g from 5 to 500 Hz  |

**Input Behavior**

- Sixteen channels are isolated and independent
- Voltage-monitor operation distinguishes documented on and off states
- Configurable debounce supports noisy contact or voltage circuits

**Termination Selection**

- TA choice must match voltage range and field-excitation method
- Type 4 cables connect the module baseplate to DIN-rail TAs
- Redundant installations use the documented adapter and adjacent slots

**Diagnostics**

- Test channel isolation before reconnecting unknown field circuits
- Compare terminal voltage with the database state during troubleshooting
- Validate filter timing and safe logic after replacement

**Application checkpoints**

- DC field-voltage status monitoring
- Isolated discrete-state acquisition
- Redundant status-input service with the documented adapter

Evidence boundary: Official evidence distinguishes FBM207/RH914TD from the FBM207b and FBM207c contact-sense variants. Only FBM207 module physical values are used.

Source basis: Foxboro PSS 41H-2S207, Rev. B.