

ControlWave FOUNDATION Fieldbus Interface

The FOUNDATION™ Fieldbus (FF) Interface allows a ControlWave RTU to support bi-directional multi-drop digital communication between FOUNDATION Fieldbus H1 devices over a High-Speed Ethernet (HSE) host network.



FF consists of two separate bus networks. The first is the 31.25KB (H1) bus for multi-drop connection to 2-wire field devices. The second is the 10/100 Mbps Ethernet control network backbone with HSE protocol which passes FF data bi-directionally to a ControlWave or to the AMS™ Suite for integration within the PlantWeb® architecture.

The FF Interface may be a separate standalone chassis for use with any ControlWave family PLC/RTU or it can be connected to, and receive power from, a ControlWave Micro backplane.

CWM-FF

(PC 849)

| MODEL & SEG | SPEC SHEET | DESCRIPTION | APPROVAL | SELECT |
|---|------------|--|----------|----------|
| A | | Packaging | | A |
| 10 | | Chassis - Panel mount | UL | 1 |
| | | Chassis - Din rail mount | UL | 2 |
| B | | HSE Processor | | B |
| 20 | | FOUNDATION Fieldbus processor | UL | 1 |
| C | | Segment Card Slot 1 | | C |
| 30 | | FF H1, single segment w/o power conditioner | UL | 1 |
| | | FF H1, single segment with power conditioner | UL | 2 |
| | | FF H1, dual segment w/o power conditioner | UL | 3 |
| | | FF H1, dual segment with power conditioner | UL | 4 |
| D | | Segment Card Slot 2 | | D |
| 40 | | None | UL | 0 |
| | | FF H1, single segment w/o power conditioner | UL | 1 |
| | | FF H1, single segment with power conditioner | UL | 2 |
| | | FF H1, dual segment with power conditioner | UL | 3 |
| | | FF H1, dual segment with power conditioner | UL | 4 |
| Model Number: CWM-FF - A - B - C - D | | | | |

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