



MOBI-CMPLT-PWR

mobiLink Power Modem for FF, Profibus PA, and HART



Description:

Power and communicate with your Foundation Fieldbus (FF), Profibus PA, and HART transmitters using USB.

Features:

- Compliant FF Host
- Compliant Profibus PA Host
- Compliant HART Master
- Built-in power supply for HART, Profibus PA, and FF Transmitters
- Rugged IP54 enclosure
- USB interface
- FF DTM included (for FDT systems)
- Profibus PA DTM included (for FDT systems)
- HART DTM included (for FDT systems)
- Works with DevCom2000 (for HART)
- Works with DevComFF.Win (for FF)



Specifications:

Enclosure

Dimensions 6.9" x 2.9" x 1.3" (175 mm x 74 mm x 32 mm)
Total Unit Weight 10.2 oz (290 g)
Protection Class IP 54

Safety

Isolation 1500 VDC between USB and field device connections

FF and Profibus PA

Standard IEC 61158-2, Type 1: 31.25 Kbit/s, voltage mode
Input Current 10 mA
18 mA (with fieldbus voltage > 9.5V)
Fieldbus Terminator None

HART

Connections Across loop resistor or HART field device
Specifications HART 4, HART 5, HART 6, HART 7,
HART Physical Layer Spec HCF_SPEC-54

DTM

Operating System Windows 7 Professional or higher
DTM not needed for DevCom2000 or DevComFF.Win software

USB

Specifications USB 2.0
Power USB port provides power to unit
Current Draw 100mA

Connections

FF 4mm banana jacks
Profibus PA 4mm banana jacks
HART 4mm banana jacks
USB Connector USB Type C

Environmental

Operating Temperature -20 degC to 50 degC (-4 degF to 122 degF)
Storage Temperature -40 degC to 85 degC (-40 degF to 185 degF)
Humidity 0% to 95% (non-condensing)

Compliances

Certifications EMC, RoHS, WEEE
See user manual for details

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