MOBI-PWR-FF
mobiLink Power Modem for FF and HART®

CE

RoHS

Power your HART or Foundation Fieldbus (FF) devices and perform HART or FF communications.

Features:

Compliant FF Host
Compliant HART Master
Power your HART or FF device
Rugged enclosure to IP54 standard
USB interface
FF DTM included (for FDT systems)
HART DTM included (for FDT systems)
Works with DevCom2000 (for HART)
Works with DevComFF (for Foundation Fieldbus)

Connection to FF Device

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
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
Specifications	HART 4, HART 5, HART 6, HART 7,
	HART Physical Layer Spec HCF_SPEC-54

DTM
Operating System	Windows 7 (32/64), 8 (32/64), 10 (32/64)
	Not needed for DevCom2000 or DevComFF

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

Connections
FF	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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