



MOBI-PA-PWR
 mobiLink Power Modem for
 Profibus PA and HART



Description:

Power your Profibus PA and HART devices and perform Profibus PA and HART communications using USB. Other fieldbus protocols available. Visit our website for more information.

Features:

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





PROCOMSOL

HART
COMMUNICATION PROTOCOL

Process Communications Solutions

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

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, *wireless*HART
HART Physical Layer Spec HCF_SPEC-54

DTM

Operating System Windows 7 Professional or higher
DTM not needed for DevCom2000 for HART

USB

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

Connections

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

ProComSol, Ltd

Process Communications Solutions

Phone: 216.221.1550

Toll Free: 877.221.1551

Email: sales@procomsol.com

Web: www.procomsol.com