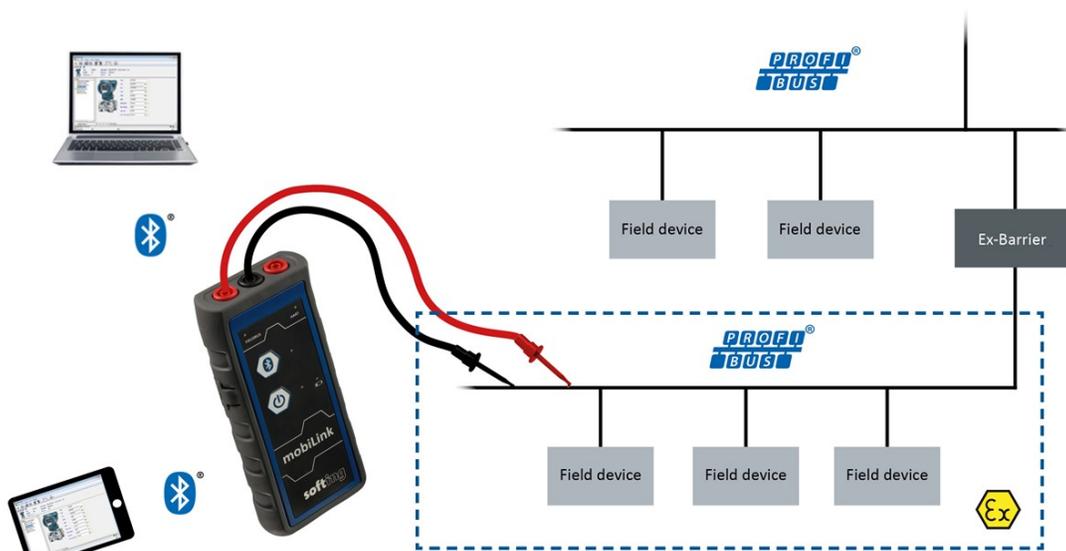# MOBI-PA
mobiLink Modem for Profibus PA and HART®

CE

RoHS ✓

Ex

Perform Profibus PA and HART communications in hazardous areas using Bluetooth interface. USB interface for non-hazardous areas. Other fieldbus protocols available. Visit our website for more information.

Features:

Compliant Profibus PA Host
Compliant HART Master
Suitable for Hazardous areas, Zone 1
Rugged enclosure to IP54 standard
USB interface (safe area only)
Bluetooth and Bluetooth LE interface
Battery powered, over 45 hours of continuous operation
Profibus PA DTM included
HART DTM included
Works with DevCom2000, DevComDroid and DevCom.iOS (for HART)

Connection to Profibus PA Network

Specifications:

Enclosure

Dimensions	6.9" x 2.9" x 1.3" (175 mm x 74 mm x 32 mm)
Total Unit Weight	11.6 oz (330 g) including Batteries
Protection Class	IP 54

Safety

Intrinsic safety	EX ia IIB, Ui = 30 V or FISCO field device
IECEx	Ex ib [ia Da] IIIC T100°C Db
ATEX	II 2D Ex ib [ia Da] IIIC T100°C Db
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 in Bluetooth and regular USB mode
	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 DevCom Apps or software

USB

Specifications	USB 2.0
Power	USB port provides power to unit (in safe area only)
Current Draw	100mA, note that batteries are still required for operation

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, ATEX, IECEx, RED, 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