

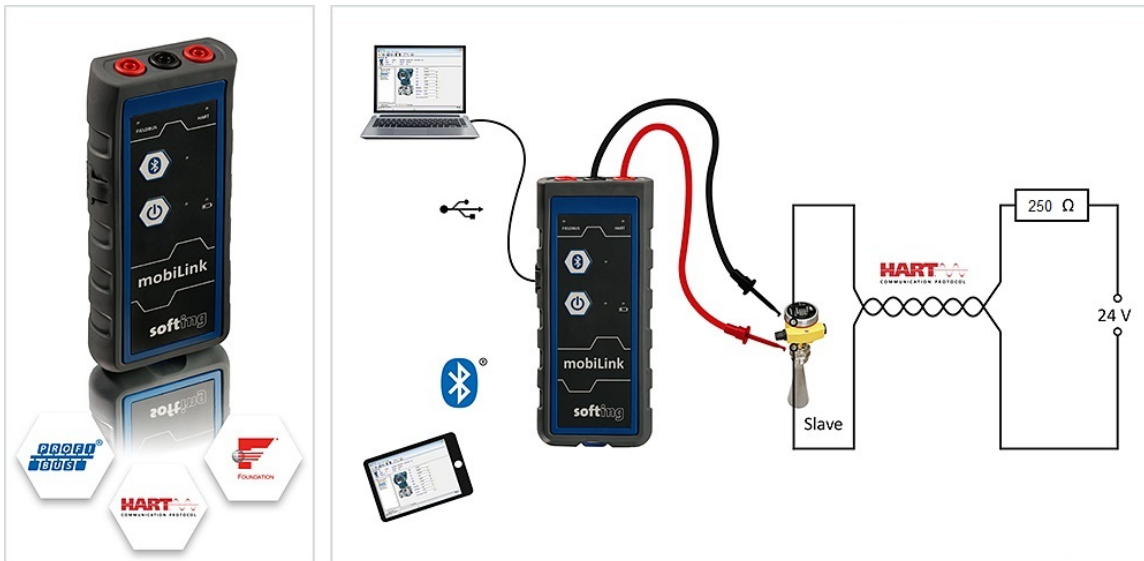
MOBI-HART
mobiLink Modem for
HART[®]



Perform 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 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
- HART DTM included for FDT systems
- Works with DevCom2000, DevComDroid and DevCom.iOS



Connection to HART Device

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

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 (32/64), 8 (32/64), 10 (32/64) DTM not needed for DevCom Apps or software
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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

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
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