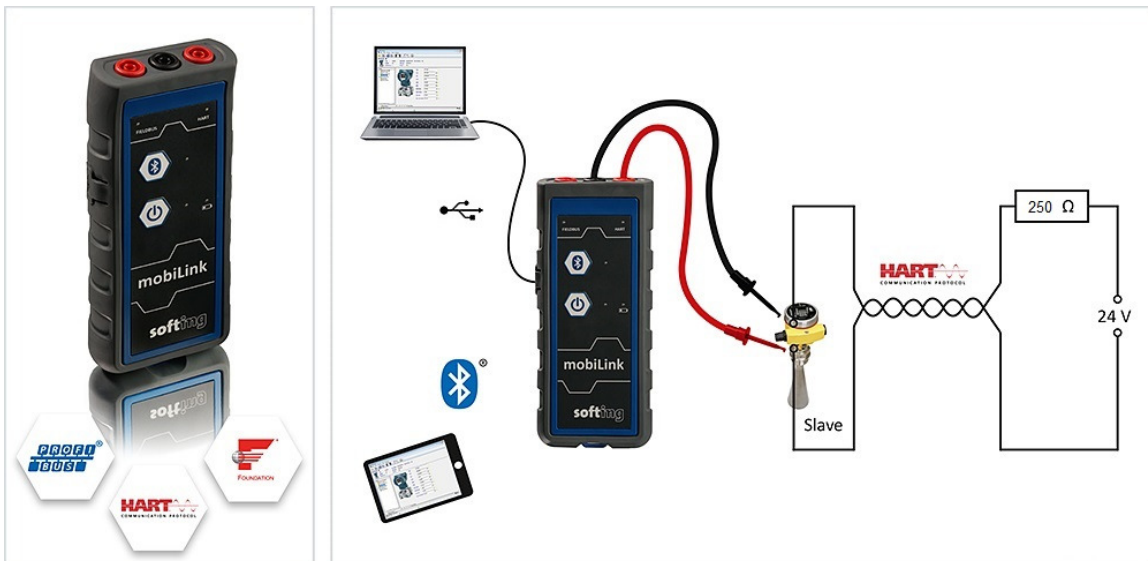## MOBI-HART
mobiLink Modem for HART®

CE

RoHS

Ex

Perform HART communications in hazardous areas using Bluetooth interface. USB interface for non-hazardous areas. Foundation Fieldbus support available, see MOBI-FF.

Features:
Compliant HART Master
Suitable for Hazardous areas, Zone 1
Rugged enclosure to IP54 standard
USB interface (safe area only)
Bluetooth interface
Battery powered, over 45 hours of continuous operation
HART DTM included
Works with DevComDroid

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, Ci 5 nF, Li negligible low
	FISCO field device
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)
	Not needed for DevComDroid

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, RED, RoHS, WEEE
	See user manual for details

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