

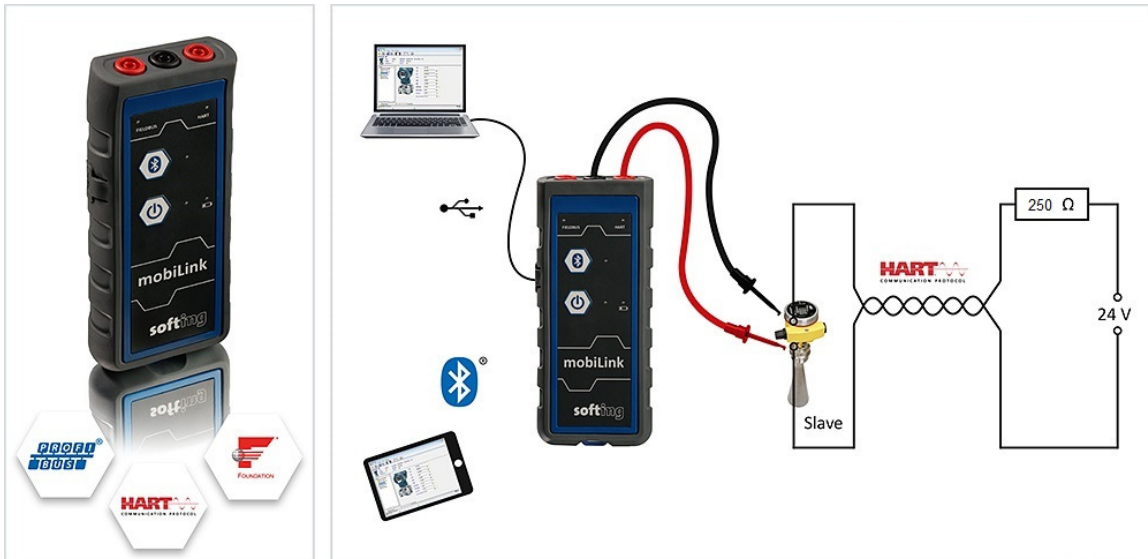
**MOBI-HART**  
 mobiLink Modem for  
 HART®



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, $U_i = 30$ V, $C_i = 5$ 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
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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, RED, RoHS, WEEE See user manual for details
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