

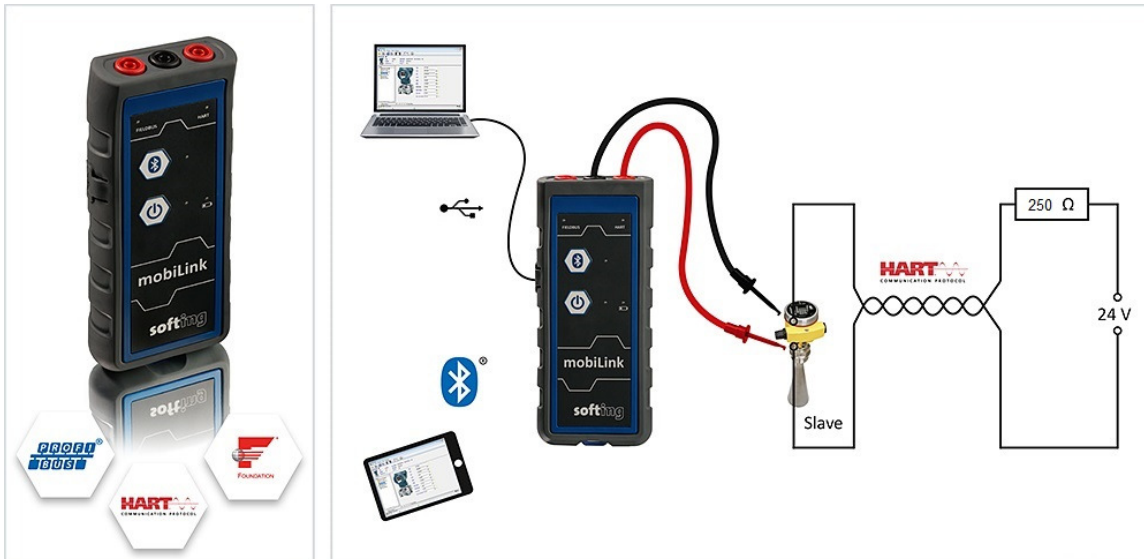
MOBI-HART
 mobiLink Modem for
 HART[®]



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 and Bluetooth LE interface
- Battery powered, over 45 hours of continuous operation
- HART DTM included
- Works with 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, $U_i = 30$ 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 or DevCom.iOS |
|------------------|--|

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 |
|----------------|---|

ProComSol, Ltd

Process Communications Solutions

Phone: 216.221.1550
Toll Free: 877.221.1551
Email: sales@procomsol.com
Web: www.procomsol.com