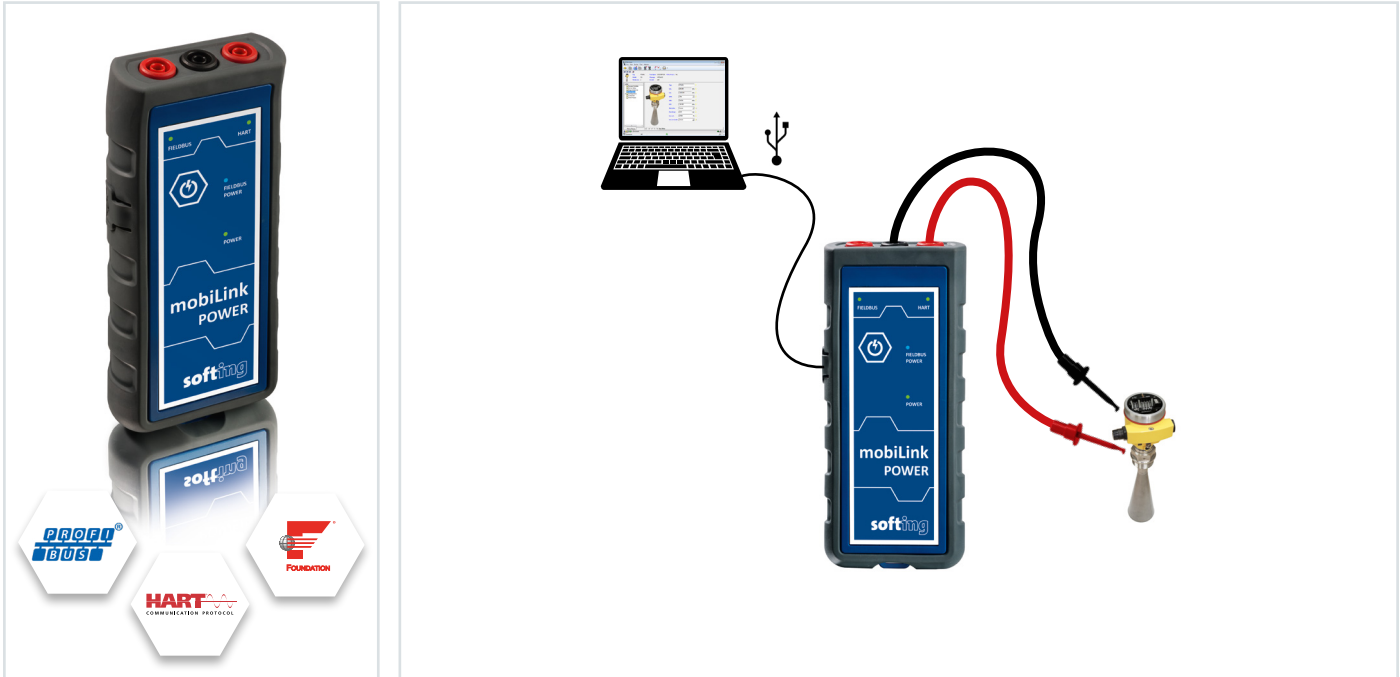


mobiLink Power

Power supplying mobile interface for HART, FOUNDATION fieldbus, PROFIBUS PA

- Multi-protocol operation
- Provision of power supply for the field devices
- Compatible with FDI, FDT Frame Applications and major Engineering Tools
- Unlimited run time



Single interface for the major Process Automation protocols

- HART Master, Foundation Fieldbus Host and PROFIBUS PA Master included in one device
- Parametrization and configuration of field devices
- Diagnostics and condition monitoring

Provides the power supply for the field devices

- Eliminates the need for an additional power supply and power conditioner for workbench applications

Support of FDI, FDT frame applications and major engineering tools

- Compatible with Emersons instrument inspector with the FDI communication server
- PACTware FDT frame application and HART communication DTM included
- Communication DTM for Foundation Fieldbus and PROFIBUS PA (optional)
- Foundation Fieldbus configuration tool (optional)
- Application Program Interface for integration into engineering systems

Unlimited flexibility in use

- mobilink Power draws power from the connected computer via USB

mobiLink Power

Technical Data

Supported Applications Endress + Hauser FieldCare for HART, PROFIBUS PA and FF devices; Pactware for HART, PROFIBUS PA and FF devices; ProComSol DevCom for HART and FF devices

| | | |
|---|----------------------------------|--|
| Fieldbus Interface (FOUNDATION Fieldbus / PROFIBUS PA) | Connection | Polarized 4 mm banana type jacks (red /black) |
| | Physical Layer | According to IEC 61158-2, Type 1: 31.25 Kbit/s, voltage mode |
| | Nominal input current (Fieldbus) | 10 mA (with Ufieldbus > 9.0 V) |
| | Fieldbus Terminator | 2 Fieldbus Terminators included (switchable by software) |
| | Input Voltage | +9 ... +32 V |
| Fieldbus power Output (switchable by software) | 10,5 ... 25,5V, 40mA | |

| | | |
|-----------------------|------------------------------|--------------------------------------|
| HART Interface | Connection | 4mm banana type jacks (red / black) |
| | Physical Layer | HART FSK compliant modem |
| | Switchable HART power supply | 16V @22,5mA internal resistor 3000hm |

| | | |
|------------|-----------------------|--------------------------------------|
| USB | Speed | 4mm banana type jacks (red / black) |
| | Connector | HART FSK compliant modem |
| | Electrical properties | 16V @22,5mA internal resistor 3000hm |

| | | |
|---------------------------------|--------------------------|----------------------------------|
| Environmental Conditions | Dimensions (LxWxD) | 175 mm x 74 mm x 32 mm |
| | Weight | 290 g |
| | Ingress Protection Class | IP54 (with USB covered with cap) |
| | Operating temperature | -20 °C .. +50 °C |
| | Drop | 1 m |

Scope of Delivery

| | |
|---------------|---|
| Hardware | mobiLink Power , USB cable, fieldbus cable set with clips |
| Software | mobiLink Manager, PACTware, Communication DTM for HART, FOUNDATION Fieldbus, PROFIBUS PA, Yokogawa Interface and FDI CommServers (for FOUNDATION Fieldbus and PROFIBUS PA optional license required) FOUNDATION Fieldbus Configuration Tool ComConf (optional license required) |
| Documentation | User Guide, Quick Start Guide |

Order Numbers

| | |
|---------------|--|
| DUA-KM-020440 | mobiLink Power for HART applications, including accessories |
| LRA-KK-021973 | linkPlus FF – License to activate FOUNDATION Fieldbus |
| LRA-LL-021974 | linkPlus PA – License to activate PROFIBUS PA |
| LRA-KK-020721 | Licence for FF Configuration Tool ComConf |

Additional Products and Services

| | |
|---------------|--|
| LRA-MM-020671 | DevCom2000 HART – Windows application for HART device communication |
| LRA-KK-020673 | DevComFF.Win – Windows application for FF device communication |

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