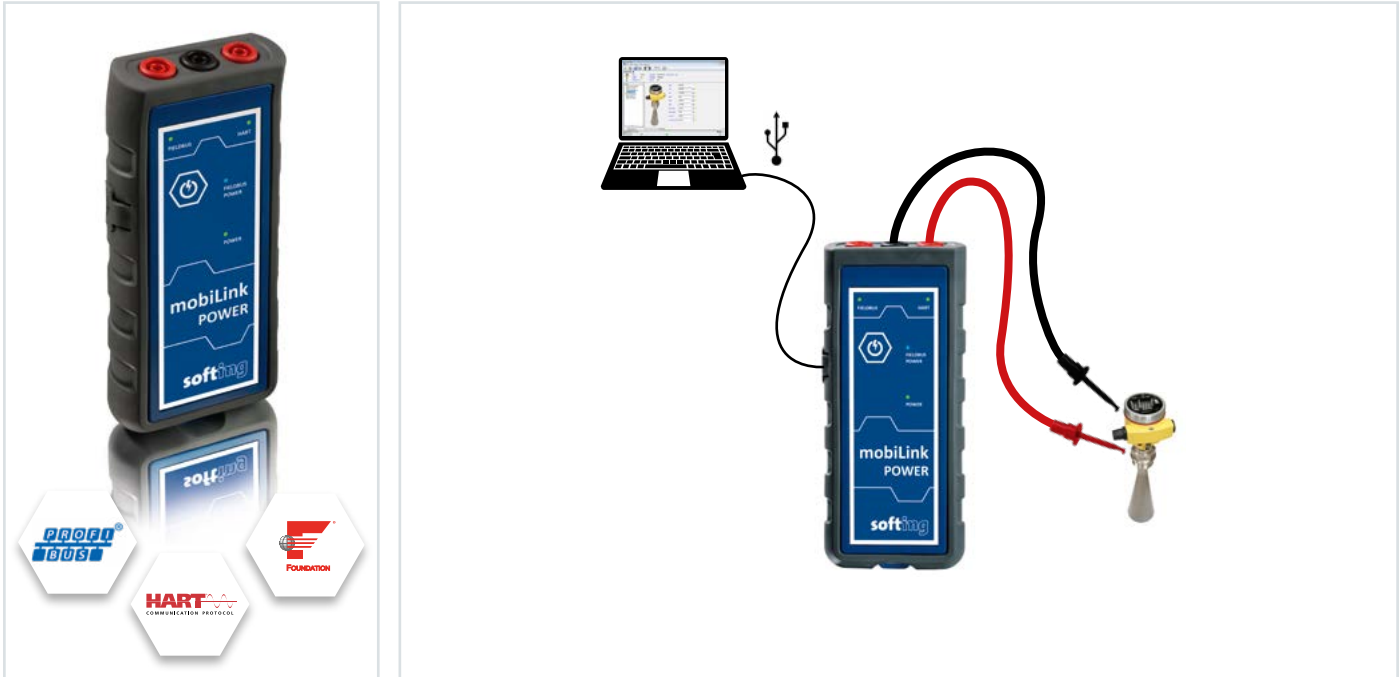


mobiLink Power

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;
- Emerson AMS Device Configurator for FF devices
- Emerson AMS Device Manager for HART 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 U _{fieldbus} > 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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