

mobiLink Power

Mobile Interface with integrated power supply for HART, Foundation Fieldbus, PROFIBUS PA field devices

- 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

- 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

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 $U_{\text{fieldbus}} > 9.0 \text{ V}$)
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 300Ohm

USB

Speed	USB 2.0 Full Speed
Connector	USB Type C
Electrical properties	5 V, 500 mA; port sensible to ESD

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 and PROFIBUS PA (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



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