

Fieldbus Labkit

Ideal for Bench Host Applications in Combination with Softing's FFusb

The Fieldbus Labkit ensures maximum ease of use for Softing Industrial Automation's FFusb interface in pre-commissioning, testing, laboratory and workbench scenarios. It is a convenient combination of power conditioner, hub and fieldbus cable.

DESIGNED FOR BENCH HOST USE CASES

The Fieldbus Labkit is specially designed for use together with Softing's FOUNDATION™ fieldbus USB interface FFusb in bench host use cases, i.e. for pre-commissioning, testing or calibrating field devices, and in other laboratory and workbench scenarios.

ALL REQUIRED INFRASTRUCTURE COMPONENTS INCLUDED

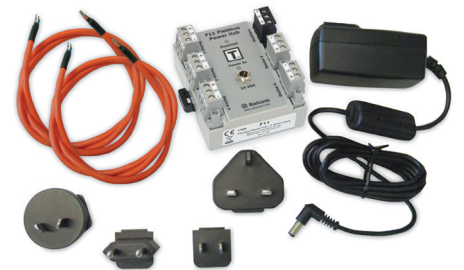
The Fieldbus Labkit offers all infrastructure components required to build a fieldbus network. It is complemented by Softing's FFusb interface as the host interface and by individual field devices.

READY TO BUILD SMALL FIELDBUS SEGMENTS

The Fieldbus Labkit consists of two fieldbus cables and a Relcom F11 Fieldbus Power Hub - a consistent and very useful combination of power conditioner and hub. Built-in terminators and current limiters are also included. A plug-in wall transformer and adapters for power outlets in North America, Europe, UK and Australia come with the labkit.

CUSTOMER BENEFITS

- > Designed for Bench Host Use Cases
- > All Required Infrastructure Components Included
- > Ready to Build Small Fieldbus Segments



TECHNICAL DATA

Electrical	Ports	5 Device Ports, 1 Auxiliary Port
	Device Port Rated Current	30mA
	Total Current for all Device Ports and Auxiliary Port	315mA Maximum (For Specified Operation)
	Device Port Short Circuit Protection	Continuous Protection Against Damage
	Auxiliary Port Short Circuit Protection	Continuous Protection Against Damage
	Maximum Fieldbus Cable Length	120m Per Port
	Power Supply	Input Voltage: 100VAC...240VAC, 50/60Hz Output Voltage: 24VDC (Nominal)
Fieldbus Cable	1.20m, Shielded Twisted Pair	
Mechanical	Fieldbus Connectors	Six Sets, Pluggable Screw Terminal, With Two Hold-Down Screws
	Mounting	35mm DIN Rail
	Temperature Range	0°C...+50°C
	Dimensions (HxWxD)	50.4mm x 67.6mm x 80.3mm
Conformity	IEC 61158-2	
	FOUNDATION fieldbus H1	
	PROFIBUS PA	

SCOPE OF DELIVERY

Hardware	Two Fieldbus Cables, Relcom F11 Power Hub, Plug-in Wall Transformer With Adapters for North American, European, UK and Australian Power Outlets
Documentation	Installation Instructions

ORDER NUMBER

APL-KL-020601	Fieldbus Labkit
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ADDITIONAL PRODUCTS AND SERVICES

DUA-KK-020300	FFusb Interface
DUL-KK-020302	FFusb Interface with Test Equipment Set

Softing Industrial Automation is a world leading provider of industrial communication products and technologies for manufacturing and process automation. Our products are tailored to the requirements of system integrators, device vendors, machine and equipment manufacturers or end users and are known for their ease-of-use and functional advantages.

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