



14020



PA Probe Ultra

The PA Probe Ultra is a small but high-tech extension for ProfiTrace that makes it possible to do electrical and protocol measurements directly on the PA bus. With the PA Probe you can use ProfiTrace on DP as well as PA networks and finally cover all installations with 1 tool.

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Introduction

In the past analyzers/busmonitors only had DP - RS 485 interfaces. With the transparent DP/PA couplers this was no problem, but when the links were brought on the market, the user had no possibility to analyze the protocol on the PA side. The PA Probe is a solution to use ProfiTrace directly in the PA area and therefore cover all PROFIBUS applications.

The PA Probe does NOT consume current from the coupler and can also interpret signals which are out of range. It has screw terminals so that the user can easily attach the PA cable.

Technical specifications

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Mechanical

Dimensions: 76 x 33 x 12 mm

Weight: 25 g

Connector layout: PA+, PA- and Shield

Electrical

DC voltage: 0..33 V

PA signal: 1.2 V_{tt}

Input resistance: > 1 MOhm

Input capacitance: < 1 nF

Ambient conditions

Isolation class: IP 20 (DIN 40 050)

Operating temperature: 0 .. 70 °C

Other

ProfiTrace version: works with ProfiTrace V2.2.1 and higher

Downloads

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