



PANASONIC

Panasonic 1105 loop tester

Product code 41040 · Fire alarm systems > Control equipment

Loop tester for testing, troubleshooting and commissioning a COM loop before the fire alarm control panel is installed. Connected between the loop and a computer and operated with EBLWin.

- Checks loop cabling and devices before the panel is installed
- Automatic addressing with the EBLWin wizard
- Detects open circuits, short circuits, L/C mix-ups and duplicate addresses
- Signable PDF report for loop documentation
- SSD configuration directly from the scanned loop
- 24 V DC power supply included



Product description

Panasonic 1105 Loop Tester is a loop tester for testing, troubleshooting and commissioning a COM loop before the fire alarm control panel has been installed. The tester is connected between the COM loop and a computer, and it can be used to quickly verify the cabling and loop devices during installation. This is useful, for example, when the installation is carried out by a subcontractor.

The Scan loop function in EBLWin finds all devices connected to the loop except expansion boards and shows the loop graphically and as a list. The tester detects open circuits, short circuits, mixed-up L/C conductors and duplicate addresses. The scanned loop can be saved as an XML file, used to create an SSD configuration directly and printed as a PDF report containing the devices' current consumption, technical number, sequence number and serial number. The report is signed and included in the handover documentation.

The tester can also set the addresses of loop devices automatically. From EBLWin version 2.10.0 onwards, the 1105 wizard guides you through loop scanning and addressing. Devices with an isolator receive addresses 1–128 and devices without an isolator 129–248.

Use

The tester is earthed to the nearest protective earth point and connected to the COM loop, to a 24 V power supply and to the computer with a USB cable. Logging in to EBLWin requires the EBLWin key 5094.

Technical data

Product code	41040
Manufacturer	Panasonic
Product group	Fire alarm systems > Control equipment
Weight	2240 g
Dimensions	290 × 235 × 75 mm

Operating temperature	0...+40 °C
Operating voltage	24 V DC (permitted 23.5–24.5 V DC), mains adapter included
Current consumption	80–700 mA
COM loop	24 V DC, max. 350 mA
Connection	USB (PC), COM loop in/out, earth
Address range	001–253
Short-circuit isolator	Yes
Material	Aluminium enclosure
Humidity	Max. 95% RH, non-condensing
Standards	EN 61000-6-3, EN 61000-6-1, EN 50581

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet: 1105 loop tester

Certificate: EU declaration of conformity, no. ESN-F00325-02

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-1105-loop-tester/