



DZ1131

Line test unit

AnalogPLUS/SynoLOOP

AlgoRex
Synova™



- **Universal device for the testing of AnalogPLUS/SynoLOOP detection lines (loop and stub lines)**
- **Traces wiring faults quickly**
- **Liquid crystal display (LCD) with 2 x 24 characters**
- **Mains operation with plug-in power unit supplied or battery operation via external voltage jack**
- **RS232 interface for e.g. printer or PC**

Application

- The line test unit is contained in a case together with the mains adapter.
- It helps the installer or system supervisor to check installed fire detection lines AnalogPLUS/SynoLOOP before the control unit is connected.
- Detection lines can be tested for correct wiring with or without detectors inserted.
- The DZB1191 base tester is in general used to check for correct wiring see product data sheet, document no. 001049.

Function

- The DZ1131 line test unit can determine
 - whether the loop line is closed
 - whether the stub line is continuous up to the last detector
 - whether there is a short circuit or ground fault
 - whether the end of the line has the correct polarity
- The fault locations are indicated by LCD together with address and type of device.

Technical data

| | |
|----------------------------------|---|
| Supply voltage | 230 VAC (with mains adapter) or 23... 28 VDC |
| Current consumption | |
| - when LCD is lit | 170... 250 mA |
| - when LCD is not lit | 50... 130 mA |
| Detector line voltage | 23... 28 VDC |
| Detector line current | ≤40 mA |
| Operating temperature | -20... +50 °C |
| Storage temperature with battery | -20... +70 °C |
| Humidity | ≤95 % rel. |

Details for ordering

| Type | Part no | Designation | Weight |
|--------|----------------|----------------|----------|
| DZ1131 | BPZ:5469200001 | Line test unit | 2.160 kg |