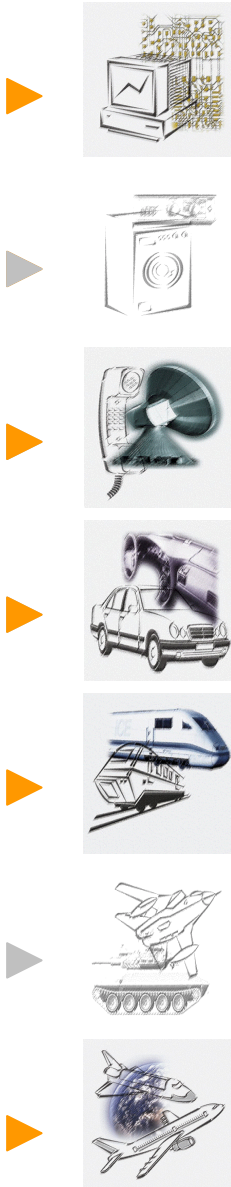


Wiring Test System KT 520

- Low Voltage Test DC
- Component Test
- Additional Units ZE PEX



Please find technical data overleaf.

Technical Data KT 520 and ZE PEX

Test points

- KT 520: max. 2048
- ZE PEX: max. 2048 each (max. 3 ZE PEX)

Test point interface

- 64-pin, DIN 41612, female connectors

Low voltage test

- Test voltage: 1 - 50 VDC
- Test current: max. 25 mA
- Threshold for continuity test: 1 Ω - 1 k Ω , \pm 10 %, min 1 Ω
- Threshold for short circuit test: 20 k Ω - 1 M Ω , \pm 10 %

Component test

- Resistors: 1 Ω - 1 M Ω , \pm 10 %, min. 1 Ω
- Capacitors: 10 nF - 20 mF \pm 10 %
- Diodes
Forward voltage: < 1.0 V
Reverse voltage: max. 50 V
- Zener diodes: Forward voltage: < 3.0 V
Zener voltage: max. 40 V
- LEDs: Forward voltage: < 4.0 V
Reverse voltage: max. 50 V

Programming

- Self-learning of known good sample
- Programming with Test Program Editor (TMS, option)
- Prepared for CAD data download

Operating environment

- Operating unit consisting of a high contrast LCD display with 4 x 20 characters and 11 keys
- Operating languages: German, English, French, Italian, Spanish, Danish, Czech, Polish, Hungarian and Japanese (other languages on request)

Special features

- Test table support
- Test point identification via test probe
- Self-diagnosis of measuring and test electronics
- Test point naming, two additional connector formats
- Statistical evaluation of the test results (identification of fault accumulations)
- Extended fault display (option)
- RDF result data format (option)
- Visual inspection of LEDs
- Division of the test sequence into individual stages (segments) also enables switch position tests or segment-specific test parameters
- Test flow control (option)

Interfaces

- Switch inputs and outputs (Userport)
- External Interface
- 1 parallel interface (Centronics)
- 2 serial interfaces (RS232)
- VGA Display
- PC Keyboard
- PEX-E for ZE PEX additional units
- Ethernet 10BaseT (option)

Data storage

- FLASH Memory disk > 16 MB
- Floppy disk drive 3.5" with 1.44 MB

Printing

- Prepared for the connection of a log printer for test results and statistics
- Label printing (option)

Environmental conditions

- Temperature range Operating + 10° C bis + 40° C
Storage + 10° C bis + 60° C
- Humidity Operating 30 % - 70 %, non-condensing

Power supply

100 - 240 VAC, 50 - 60 Hz, autoranging

Dimensions

KT 520 450 x 280 x 530 mm (W x H x D)
ZE PEX 450 x 280 x 530 mm (W x H x D)

adaptronic GmbH
Dörlesberg-Ernsthof
D-97877 Wertheim
Phone ++ 49 (0) 9345 930-0
Fax ++ 49 (0) 9345 930-100
E-Mail: info@adaptronic.de
www.adaptronic.de



Quality Management System
DIN EN ISO 9001
VDA 6.1
Reg.-Nr. 55422