

Checks without limits – Wireless Test System

The precise positioning in the wire harness industry



Example for an individual assembly board with WTS components



Installed assembly flexadapter with two points of test



Passive Adaptation
Attachment for blank clip case



Active Adaptation
Clip scan with radio switch



Software CS WIN nx



Cable tester CT11-WTS, incl. LED-Card

From one source – Equipment range from cable guiding to test medium

Radio technology

- Energy self sufficient
- Wireless transmission of the test results
- Test of presence of attaching parts (active test)
- Green Energy technology
- Durable, robust design of the radio components



Stages of expansion

- Appropriate in combination with CT11-WTS up to 64 radio switches
- Implementation in a CS WIN nx system, for customer specified harnesses, as well as carousels and assembly lines
- Extendable for further test scenarios (in preparation)

Modular system

- Easy assembly
- Individual adaptation according to your needs
- Almost any extensibility

Assembly elements

- Fiber reinforced plastic components
- Accuracy grade of the plastic components simplifies the fabrication or multiplication of the assembly boards

Engineering

- Planning, design, determination of demand and and the production of active and passive adapters



The presence test of a clip ensures the essential parameters such as diameter & minimum length

All components at a glance

1. Radio- and control components



WTS-radio switch*
Working by selfenergy,
868,3 MHz
Art.-No. 109351
Accessory:
Attachment screw*
Spax-S-Senkk. 3,0 x 30-Z
Art.-No. 109503



WTS-receiver box*
Receiver box with RS 232 interface
Art.-No. 109352



CT11-WTS*
Cable tester, up to 64 WTS-radio switches,
contains a **WTS-receiver** box and a RS 232 inter-
face cable (L=5m), Art.-No. 401552
Accessory: RS 232 interface cable (L=5m)
Art.-No.109529

Recommendation: For major, customized applications, we suggest the use of our software CS WIN nx.

2. Plastic components



WTS-assembly socket*
Height: 130 mm
Art.-No. 109341

**Attachment screws
on request**



**WTS-assembly
tension fork***
Ø=20 mm
Art.-No. 109349
Accessory:
Attachment screw*
DIN7981 ST 2,9x 9,5-F-H
Art.-No. 109499



WTS-bridge*
Length: 60 mm
Art.-No. 109472



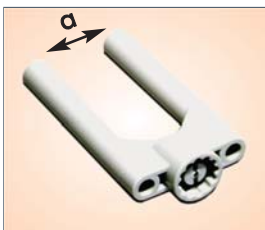
WTS-bond adapter*
Art.-No. 109474
Accessory:
Attachment screw*
DIN7981 ST 2,9x 9,5-F-H
Art.-No. 109499
Glue* Pattex Power Glue,
125g; Art.-No. 109523



WTS-adapter*
Ø=10 mm
Art.-No. 109476
Accessory:
Attachment screw*
DIN7981 ST 2,9x 9,5-F-H
Art.-No. 109499



WTS-extension*
Length: 50 mm
Art.-No. 109475



Component*	Max. width (a) in mm	Art.-No.
WTS-assembly fork small	14	109346
WTS-assembly fork medium	22	109347
WTS-assembly fork large	33	109348

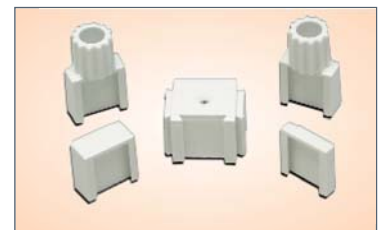
Accessory: Attachment screw* Spax-S-Senkk. 3,0 x 20-Z, Art.-No. 109502



Component*	Dimension (mm) W x D x H	Art.-No.
WTS-assembly bracket small	30 x 30 x 20	109343
WTS-assembly bracket medium	60 x 40 x 30	109344
WTS-assembly bracket large	80 x 60 x 40	109345

Accessory: Attachment screw* Spax-S-Senkk. 3,0 x 20-Z, Art.-No. 109502

* Prices and packing units on request



WTS-assembly flexadapter set*
5-parts: 1x socket holder, 2x
socket pin, 1x extension 5 & 10
mm, extendable in four directions
Art.-No. 109342

Accessory:
Attachment screw*
Spax-S-Senkk. 3,0 x 16-Z
Art.-No. 109501