Qualitätstester ASi View

Function

The ASi view is a tool for determining the physical and logic communication
quality of the data exchange in ASi networks. The measurement
is performed online while the system is running.
The measuring and test results are displayed through a software on your
PC. An USB interface is used for the connection to the PC.

Automatic mode

The Automatic mode measures the communication parameters and gives
general assessment of the quality at site. All that is needed is to
connect the adapter cable to the network to be tested and connect a
laptop according to an USB cable, start the control program and store
the data after a certain collection time. If problems are signalled, the
information issued by the program in plain text should be followed. No
special knowledge of AS interface is required for the automatic mode.

Expert mode

The „Expert" mode as a second mode is designed for a detailed analysis
of any problem that may arise in the AS-interface network. This mode
requires specific knowledge of the AS-interface and the communication
principles applied. It may be used both at site by qualified service per-
sonnel
and at the lab by product developers and enables an in-depth
analysis of the communication events in the network.

Technical data

- DC voltage supply according to USB interface from the PC
- Max. Power: 420 mA
- Voltage: max. 40 Vss
- Frequency: AS-Interface frequency spectrum
- Sampling rate: 2,5MHz
- Measuring time for a
  Data block: 50ms

Ambient conditions

- Protective system: IP20
- Temperature range: 0 to 45 °C
- Relative humidity: max. 80%, non-condensing
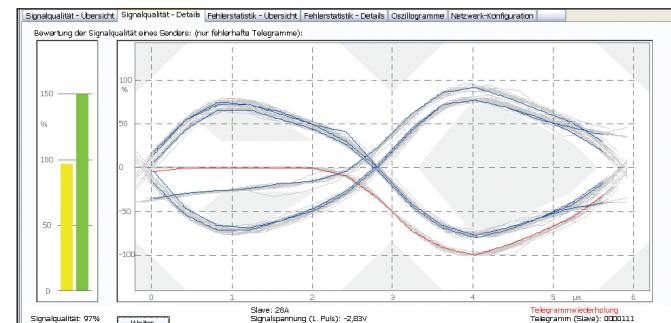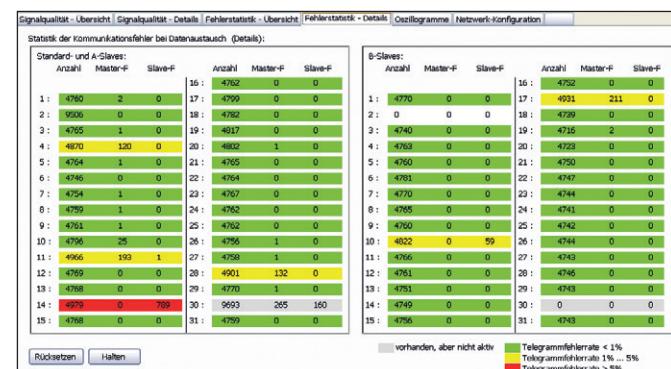
Scope of delivery

- ASi View
- ASiMA (ASi measuring Adapter M12)
- Oszi M12 adapter
- USB cable (2 m)
- CD containing software and
  user manual

| Ordering details	Art. No.
ASi View	120010011
ASi Diagnostic Set	120010002

ASi View

Evaluation of the signal quality for all devices

Evaluation of the signal quality for one device „eye pattern"

Telegram analysis including error statistics per device