The quality tester for ASi and ASi safety

The bus state at a glance

Bus state with just one click
Just one mouse click and you will get an overview on the actual communication quality. All measured values are shown device-related as a bar chart. A colour identification similar to a traffic light system shows the bus state as regards the logical and physical quality parameters in manner.

Contacting with just one “snap”
The ASi View can be easily connected to the ASi bus by the M12 connector being part of the accessories supplied. The required adapter is simply snapped onto the ASi line. As measuring point we recommend the immediate vicinity of the master and the relevant ends of the individual ASi segments.

Ready for use instantly
No separate voltage supply is needed to use the ASi View. Connection to a programming device/notebook is rendered via USB that also serves as energy source.
2 in 1 - Physical parameters & logical telegram traffic

Physical evaluation
The pre-defined quality limit of 100% should always be reached by the measured value (bar height). Every bar is a picture of the bit form that results from the time response and level of the signal sent for each node.

In-depth analysis
An integrated oscilloscope is available for in-depth analyses by which EMC faults, signal shape problems and reflection can be detected. An “eye diagram” is another way to display the bit form. The “eye opening” provides information on the measured noise of the ASi signal.

Logical evaluation
The analysis of the telegram traffic provides information on the number and kind of device-related telegram errors. It is classified whether the call or the response failed. In addition the pause periods between the master calls and slave responses per node are determined. Pause period of 50us (limit: 60us) should not be exceeded.

Ordering details

<table>
<thead>
<tr>
<th>Product</th>
<th>Art. No.</th>
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<tbody>
<tr>
<td>ASi View</td>
<td>120010011</td>
</tr>
<tr>
<td>Active measuring point ASiMA</td>
<td>120040000</td>
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<tr>
<td>M12 connection cable</td>
<td>120010003</td>
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