Monitoring – easier than ever

With the PROFIBUS-INspektor® NT you are well-equipped to have your PROFIBUS plant stay in operation without interruption until you retire.

This data collector works passively in the background to monitor logical data traffic and gives an alarm signal as soon as abnormalities appear – not just when shutdown occurs. Quality-relevant events are analyzed, evaluated and stored for each device.

Events

- Error telegrams
- Repeat telegrams
- Device failures
- Device restarts
- Device diagnosis
- Bus cycle times

Data retrieval

No additional software is required to retrieve PROFIBUS-INspektor® NT data. You only need an internet browser (e.g. Internet Explorer) to display both the current network status and the history of previous events.

At a glance it is obvious how long your network runs interruption-free or at which time an error occurred.
**Alarming**

As soon as a defined threshold value is exceeded an alarm is given by the INspektor®. Hence appropriate maintenance measures can be taken in good time.

The alarm list supplied by the INspektor® provides detailed information about what error occurred at which device, at which time and which event (threshold value) caused this. The large memory allows recording of up to 2000 alerts. Each alert includes a snapshot of 500 telegrams.

**Alarm features**

- Email notification
- Floating contact
- LED display

**Topology**

The topology of your PROFIBUS network is directly visible via the web interface of the INspektor®.

A network overview is provided with a clear statement on the current PROFIBUS network status.

**Error statistics**

There is a clear display which device is affected most by events (e.g. repeat telegrams). This information is essential for troubleshooting.

**Recommendation**

The network management software PROmanage® NT provides long-term recording throughout the entire life cycle of your plant. Additionally, all network data of PROFIBUS plants at various locations can be centrally summed up.

**Ordering details**

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>124010020</td>
<td>PROFIBUS-INspektor® NT</td>
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<tr>
<td>117000031</td>
<td>PROmanage® NT (40 ports / 5 PB-INspektors®)</td>
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