

## AS-i Analyser Innovation Step 2

### Complementation of local AS-i Master diagnostics

### Diagnose and analysis tool for AS-i

### For service or release of AS-i networks

### Printing test protocols of AS-i networks



#### Article no. BWU1415

The AS-i Analyser is a perfect complement to the local AS-i Master diagnostic of Bihl+Wiedemann.

Its functions:

- Statistics mode: statistical analysis of all telegrams transferred in the network: it instantly gives the "traffic lights presentation" of each slave's ability to communicate and provides a protocol of the actual state of the network.
- Data mode: topical digital and analogue I/O-values and the state of safety slaves.
- Trace mode: registers the complete telegram traffic and examines it on a notebook.

Its benefits:

- You can use the analyser in four different situations:
- when searching for errors,
- to provide a protocol which contains the network and its quality,
- to diagnose a network in detail, e. g. for preventive maintenance,
- to analyse your application e. g. of a Safety at Work network

The AS-i Analyser is shipped in a fitted service case together with a D-Sub data cable, an RS 232-USB adapter and the appropriate screwdriver.

Article no.	BWU1415
Type	passive AS-i member
Interface	- AS-i - RS 232 for connection to a PC - Trigger input (24 V) - Trigger output (TTL)
Voltage of insulation	≥ 500 V
<b>LED display</b>	
LED green (Power)	power on
LED yellow (ser active)	RS 232 interface in operation
LED green/red (Test)	test mode
Telegram memory	256.000 AS-i telegrams
Operating current	approx. 70 mA out of AS-i
Operating Voltage	≥ 20 V
EMC directions	according EN 50 081-2, EN 61 000-6-2
Ambient operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +70°C
AS-i specification	2.1

#### Requirements:

IBM compatible PC, 80486 or higher

#### Operating system:

Windows 98, Windows NT4, Windows Me, Windows 2000, Windows XP, Windows Vista, Windows 7 (32 bit or 64 bit)

#### Scope of delivery:

- Software:  
AS-i Analyser
- Hardware:  
AS-i Analyser  
D-sub-transmission cord  
RS232-USB adapter  
Screwdriver  
Service case with foam insert

#### Accessories (optional):

AS-i Tuner (Article no. BWU1648)  
AS-i Bus Termination (Article no. BWU1644)

More information can be found online at [www.bihl-wiedemann.com](http://www.bihl-wiedemann.com) *Innovation Step 2 of the AS-Interface Analyser: New functions and new possibilities*