

# AS-i 3.0 CANopen Gateway in Stainless Steel

## CANopen-Gateway to AS-i

### 1 AS-i 3.0 master

### Recognition of Duplicate AS-i addresses

### Advanced Diagnostic Function



| Art. no.  | BWU2225  |
|---|--|
| Operating current                                     | power supply A, approx. 200 mA out of AS-i   |
| Operating voltage                                     | AS-i voltage 30 V DC   |
| Terminals   | CANopen (5-pin plug), RS 232 diagnostic interface  |
| AS-i Master profile                                   | Master profile M4 (AS-i Specification 3.0)   |
| Baud rate   | 10/1000 Kbaud  |
| AS-i cycle time                                       | 150 µs* (Number of slaves + 2)   |
| CANopen-Features                                      | extended boot-up, minimum boot-up, life guarding<br>COB ID Distribution: DBT, SDO, Default<br>Node ID Distribution : SDO, Switch<br>No of PDOs : up to 35 Rx, 35 Tx<br>PDO Modes: async, cyclic, acyclic<br>Device Specification: CiA DS-301 |
| Displays  |  |
| LCD   | displaying AS-i slave addresses and error messages   |
| LED green (power)                                     | voltage ON   |
| LED green/red (MNS)                                   | module/network status (MNS)  |
| LED red (config error)                                | configuration error  |
| LED green (U AS-i)                                    | AS-i voltage OK  |
| LED green (AS-i active)                               | AS-i in normal operation   |
| LED green (prg enable)                                | automatic address programming enabled  |
| LED yellow (prj mode)                                 | configuration mode active  |
| Push-buttons  | 4 (mode/set)   |
| Voltage of insulation                                 | ≥ 500 V  |
| EMC directions  | EN 50 295, EN 61 000-6-2, EN 61 000-6-4  |
| Operating temperature                                 | -25 °C ... +55 °C  |
| Storage temperature                                   | -25 °C ... +85 °C  |
| Housing   | housing in stainless steel   |
| Dimensions (L, W, H)                                  | 120 mm, 85 mm, 83 mm   |
| Protection category DIN 40 050)                       | terminals IP20   |
| Tolerable loading referring to impacts and vibrations | according to EN 61 131-2   |
| Weight  | 520 g  |

#### Accessories:

- Software "AS-i-Control-Tools" with serial transmission cord for connection of the AS-i Master (art. no. BW1602)
- CANopen master simulator (art. no. BW1453)
- Data transmission cord for AS-i Gateways with CAN interface (art. no. BW1226)
- AS-i power supply 4 A (art. no. BW1649)

#### Pin assignment:

|   | Signal | Color |
|---|--------|-------|
| 1 | V+     | red   |
| 2 | CAN_H  | white |
| 3 | Shield | n/a   |
| 4 | CAN_L  | blue  |
| 5 | V-     | black |