

# AS-i 3.0 PROFIBUS Gateway in stainless steel

## AS-i 3.0 PROFIBUS Gateway/Link

1 AS-i Master  
PROFIBUS slave

Recognition of duplicate AS-i addresses

AS-i earth fault detector integrated

AS-i noise detector integrated

Redundant power supply out of AS-i:  
all fundamental functions of the device remain available even in case of  
power failure in the AS-i network



Art. no.	BWU1702
Operating current	master power supply approx. 200 mA out of AS-i circuit
Operating voltage	AS-i voltage 30 V DC
PROFIBUS interface	according to DIN 19 245 Part 3
Baud rates	9,6 Kbaud up to 12 000 Kbaud, automatic recognition
DP functions	imaging of the AS-i slaves as I/O Data of the PROFIBUS complete diagnosis and configuration via the PROFIBUS DP
AS-i cycle time	150 µs*(number of slaves + 2)
Displays	
LCD	displaying slave addresses and error messages
LED green (power)	power on
LED green (PROFIBUS)	PROFIBUS master recognized
LED red (config error)	configuration error
LED green (U AS-i)	AS-i voltage OK
LED green (AS-i active)	AS-i normal operation active
LED green (prg enable)	automatic address programming enabled
LED yellow (prj mode)	master is in configuration mode
Buttons	4
Voltage of insulation	≥ 500 V
EMC directions	EN 62026-2 EN 61 000-6-2 EN 61 000-6-4
Operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +85°C
Housing	AS-i master housing in stainless steel
Dimensions (L, W, H in mm)	120 / 75 / 83
Protection category (DIN 40 050)	IP20
Tolerable loading referring to impacts and vibrations	according to EN 61 131-2
Weight	460 g

### Accessories:

- Software "AS-i Control Tools" with serial cable for AS-i master in stainless steel (art. no. BW1602)
- Serial PROFIBUS master (art. no. BW1258)
- PROFIBUS DP master simulator (art. no. BW1257)

# AS-i 3.0 PROFIBUS Gateway in stainless steel

## AS-i 3.0 PROFIBUS Gateway/Link

2 AS-i Masters

Recognition of duplicate AS-i addresses

AS-i earth fault detector integrated

AS-i noise detector integrated

Redundant power supply out of AS-i:  
all fundamental functions of the device remain available even in case  
of power failure in one of the two AS-i networks



Art. no.	BWU1703
Operating current	master power supply, max. 200 mA out of AS-i circuit 1 (approx. 70 mA ... 200 mA), max. 200 mA out of AS-i circuit 2 (approx. 70 mA ... 200 mA); in sum max. 270 mA
PROFIBUS interface	according to DIN 19 245 part 1-3
Baud rates	9,6 Kbaud up to 12 000 Kbaud, automatic recognition
DP functions	imaging of the AS-i slaves as I/O data of the PROFIBUS complete diagnosis and configuration via the PROFIBUS DP
AS-i cycle time	150 µs*(number of slaves + 2)
Displays	
LCD	displaying slave addresses and error messages
LED green (power)	power on
LED green (PROFIBUS)	PROFIBUS master recognized
LED red (config error)	configuration error
LED green (U AS-i)	AS-i voltage OK
LED green (AS-i active)	AS-i normal operation active
LED green (prg enable)	automatic address programming enabled
LED yellow (prj mode)	master is in configuration mode
Buttons	4
Voltage of insulation	≥ 500 V
EMC directions	EN 62026-2 EN 61 000-6-2 EN 61 000-6-4
Operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +85°C
Housing	AS-i master housing in stainless steel
Dimensions (L, W, H in mm)	120 / 75 / 83
Protection category (DIN 40 050)	IP20
Weight	460 g

### Accessories:

- Software "AS-i Control Tools" with serial cable for AS-i master in stainless steel (art. no. BW1602)
- Serial PROFIBUS master (art. no. BW1258)
- PROFIBUS DP master simulator (art. no. BW1257)
- Power supply 4A (art. no. BW1649)/8A (art. no. BW1593)