

# AS-i 3.0 PROFIBUS Gateways in Stainless Steel

AS-i 3.0 from ID no. 12003 (see lateral label)

**1 AS-i Master  
PROFIBUS slave**

**Recognition of duplicate AS-i addresses**

**AS-i Earth Fault Detector integrated**

**AS-i Noise Detector integrated**



<b>Graphical Display</b>		<b>Art. no. BWU1599 incl. preprocessing „AS-i Control“</b>
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
Serial interface		RS 232
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)
<b>Displays</b>		
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 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 Gateways in Stainless Steel

AS-i 3.0 from ID no. 12003 (see lateral Label)

## 2 AS-i masters

Recognition of duplicate AS-i addresses

AS-i Earth Fault Detector integrated

AS-i Noise Detector integrated

**BWU1601 in version 1 gateway, 1 power supply for 2 AS-i circuits:  
only 1 gateway + 1 AS-i power supply for 2 AS-i networks**



Graphical Display	Art. no. BWU1600 incl. preprocessing „AS-i-Control“	Art. no. BWU1601 incl. preprocessing „AS-i-Control“
Operating current	approx. 200 mA out of AS-i circuit 1 approx. 70 mA out of AS-i circuit 2	version „1 gateway, 1 power supply for 2 AS-i circuits“ approx. 250 mA (PELV voltage)
PROFIBUS interface	according to DIN 19 245 part 1-3	
Serial interface	RS 232	
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)	
<b>Displays</b>		
LCD	displaying slave addresses and error messages	
LED green (power)	power on	
LED green (PROFIBUS)	PROFIBUS master recognized	
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Voltage of insulation	≥ 500 V	
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Operating temperature	0°C ... +55°C	
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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) for BW1569