

AS-i 3.0 PROFIBUS Gateway in Stainless Steel

AS-i 3.0 PROFIBUS-DP-Gateway/Link

1 AS-i 3.0 Master
PROFIBUS Slave

Duplicate address' recognition

AS-i Earth Fault Detector integrated

AS-i Noise Detector integrated



Graphical display	Art. no. BWU1775
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 19245 Part 3
Serial interface	RS 232
Baud rates	9,6 kBaud up to 12000 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	indication of 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)	configuration mode active
Buttons	4
Voltage of insulation	≥ 500 V
EMC directions	EN 61000-6-2, EN 61000-6-4
Ambient operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +85°C
Housing	AS-i master housing in stainless steel
Dimensions (L, W, H)	120 mm, 75 mm, 83 mm
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-DP-Gateway/Link

2 AS-i 3.0 Masters

Duplicate address' recognition

AS-i Earth Fault Detector integrated

AS-i Noise Detector integrated

**BWU1777 in the version "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. BWU1776	Art. no. BWU1777 version "1 power supply for 2 AS-i circuits"
Operating current	approx. 200 mA out of AS-i circuit 1 approx. 70 mA out of AS-i circuit 2	approx. 250 mA (PELV voltage)
PROFIBUS interface	according to DIN 19245 part 1-3	
Serial interface	RS 232	
Baud rates	9,6 kBaud up to 12000 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	indication of 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)	configuration mode active	
Buttons	4	
Voltage of insulation	≥ 500 V	
EMC directions	EN 61000-6-2, EN 61000-6-4	
Ambient operating temperature	0°C ... +55°C	
Storage temperature	-25°C ... +85°C	
Housing	AS-i master housing in stainless steel	
Dimensions (L, W, H)	120 mm, 75 mm, 83 mm	
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 4 A (art. no. BW1592)/8A (art. no. BW1593) for art. no. BW1569 and BWU1655