

AS-i 3.0 PROFIBUS Gateway 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



Art. no.	BWU1567	
Art. no.	BW1653 Class 1 Div. 2 (Group A, B, C & D, T-Code 4) 	BWU1773 AS-i 3.0 from ID no. 12470, without RS232 diagnosis interface, without recognition of duplicate AS-i addresses
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 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	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 Gateway 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

BWU1568: 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.	BWU1568		
Art. no.		BW1654 Class 1 Div. 2 (Group A, B, C & D, T-Code 4)	 BWU1774 AS-i 3.0 from ID no. 12470, without RS232 diagnosis interface, without recognition of duplicate AS-i addresses
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	approx. 200 mA out of AS-i circuit 1 approx. 70 mA out of AS-i circuit 2	
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)		
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 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) for BW1569

AS-i 3.0 PROFIBUS Gateway 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

**BWU1569 and BW1655 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**



Art. no.	BWU1569
Art. no.	BW1655 Class 1 Div. 2 (Group A, B, C & D, T-Code 4)
Operating current	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 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	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
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

AS-i 3.0 PROFIBUS Gateway in Stainless Steel

AS-i 3.0 PROFIBUS-DP-Gateway/Link in Stainless Steel Basic Master

1 AS-i 3.0 Master
PROFIBUS slave



Art. no.	BWU1746
Operating current	master power supply approx. 200 mA out of AS-i circuit (max. 300 mA)
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	
LED	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	2
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 / 45 / 40
Protection category (DIN 40 050)	IP20
Tolerable loading referring to impacts and vibrations	according to EN 61 131-2
Weight	300 g

Accessories:

- Software "AS-i Control Tools" (art. no. BW1203)
- Serial PROFIBUS master (art. no. BW1258)
- PROFIBUS DP master simulator (art. no. BW1257)