

1-Channel Input

As simple as digital ASi I/O

High protection category IP65

ASi connection via bottom module or M12



Article no. BWU1711: ASi Counter Module (0 to 15)

The ASi Counter Module has 1 input for standard sensors. The module counts the impulses from (0 ... 15) via ASi. The start value is 0. When reaching the count 15 the module starts at 0 again. The counter module loads the current value and determines the number of pulses between two host calls from the difference between this value and the previous.

With the help of parameters the module can be set to zero as well as the counting direction can be defined.

As long as the ASi parameter for setting zero is set the counting is stopped.

Article no	BWU1711
Inputs	1 input
Power supply	out of ASi
Sensor supply	short-circuit and overload protected according to EN 61131
Range of value	0 ... 15 dec. (start value: -0)
Counting rate	max. 769 Hz
Power supply sensor	max. 150 mA
ASi profile	S-0.F
ID code	F _{hex}
IO code	0 _{hex}
ID1 code	F _{hex}
ID2 code	E _{hex}
Displays	
LED yellow	state of channel 1
LED green (PWR)	ASi voltage
LED red (FAULT)	ASi communication error, peripheral fault
Operating current	< 200 mA
Operating voltage	30 V (20 ... 31.6 V)
Voltage of insulation	≥ 500 V
EMC	according EN 50 081-2, EN 61 000-6-2
Operating temperature	0°C ... +70°C
Storage temperature	-25°C ... +85°C
Pollution degree	2
Housing	housing for DIN-rail mounting
Dimensions (L, W, H)	90 mm, 80 mm, 43 mm
Protection category (DIN 40 050)	housing IP65
Tolerable loading referring to humidity	according to EN 61131-2

Programming:

(Bit-setting of ASi parameters)

P1	P0	not used

P2	
1	normal mode
0	set zero

P3	
1	count upwards
0	count downwards

Accessories:

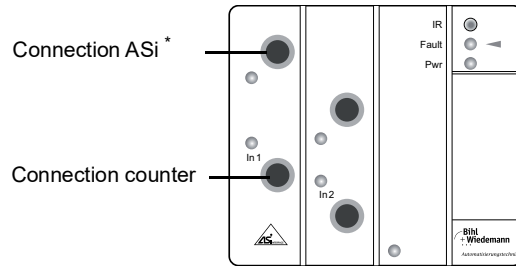
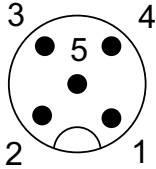
- ASi Substructure Module in IP65, PG (art. no. BW1183)
- ASi Substructure Modules (art. no. BW1181)
- ASi-5/ASi-3 Address Programming Device (art. no. BW4708)

Connection ASi

1	ASi +
2	n.c.
3	ASi -
4	n.c.
5	n.c.

Connection counter:

1	24 V out of ASi
2	input
3	0 V out of ASi
4	n.c.
5	n.c.



* Remark: If you use this connection for ASi, do not connect an ASi cable to the substructure.