
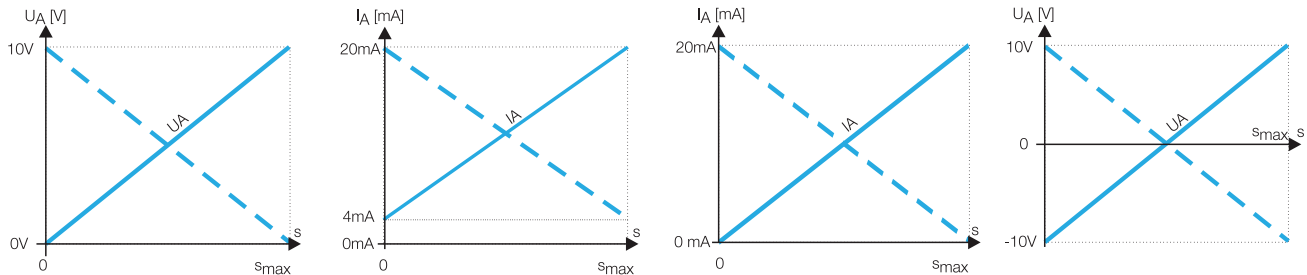


Profile P1 BIW

Analog interface

Profile P1 BIW	Profile P1 BIW	Profile P1 BIW	Profile P1 BIW
Analog	Analog	Analog	Analog
A	E	C	G
Analog	Analog	Analog	Analog
BIW1- A 310-M____-P1-S115	BIW1- E 310-M____-P1-S115	BIW1- C 310-M____-P1-S115	BIW1- G 310-M____-P1-S115
0...10 V	4...20 mA	0...20 mA	-10...10 V
6 mA	5 μm	5 μm	6 mA
5 μm	10 μm	10 μm	5 μm
10 μm	typ. 32 kHz	typ. 32 kHz	10 μm
typ. 32 kHz	≤ 0.02%	≤ 0.02%	typ. 32 kHz
≤ 0.02%	18...30 V DC	18...30 V DC	≤ 0.02%
18...30 V DC	≤ 80 mA	≤ 80 mA	18...30 V DC
≤ 80 mA	-20...+85 °C	-20...+85 °C	≤ 80 mA
-20...+85 °C	-40...+100 °C	-40...+100 °C	-20...+85 °C
-40...+100 °C	100 g/2 ms	100 g/2 ms	-40...+100 °C
100 g/2 ms	12 g, 10...2000 Hz	12 g, 10...2000 Hz	100 g/2 ms
12 g, 10...2000 Hz	500 V (GND to housing)	500 V (GND to housing)	12 g, 10...2000 Hz
500 V (GND to housing)	IP 54	IP 54	500 V (GND to housing)
IP 54	Anodized aluminum	Anodized aluminum	IP 54
Anodized aluminum	Mounting clamps	Mounting clamps	Anodized aluminum
Mounting clamps	Connector M12, 8-pin standard	Connector M12, 8-pin standard	Mounting clamps
Connector M12, 8-pin standard	Nominal stroke + 100 mm	Nominal stroke + 100 mm	Connector M12, 8-pin standard
Nominal stroke + 100 mm	Nominal stroke + 10 mm	Nominal stroke + 10 mm	Nominal stroke + 100 mm
Nominal stroke + 10 mm			Nominal stroke + 10 mm

-  Micropulse Transducers
- Profile P
- Profile PF
- Profile AT
- Profile BIW
- General data
- Analog interface**
- Rod
- Rod Compact and Rod AR



--- Output signal can be inverted via programming inputs.

Please enter code for output signal and nominal stroke in the part number.

Scope of delivery

- Transducer
- Quick start instructions
- 2 mounting clamps BIW-A-MF02-M

Please order separately:
Connectors, page 236



Ordering example:

BIW1- 310-M____-P1-S115

Output signal

Standard nominal stroke [mm]

A	0...+10 V	0075	0100	0130	0150
G	-10...+10 V	0175	0225	0260	0300
E	4...20 mA	0360	0375	0400	0450
C	0...20 mA	0500	0600	0650	0750
		0775			