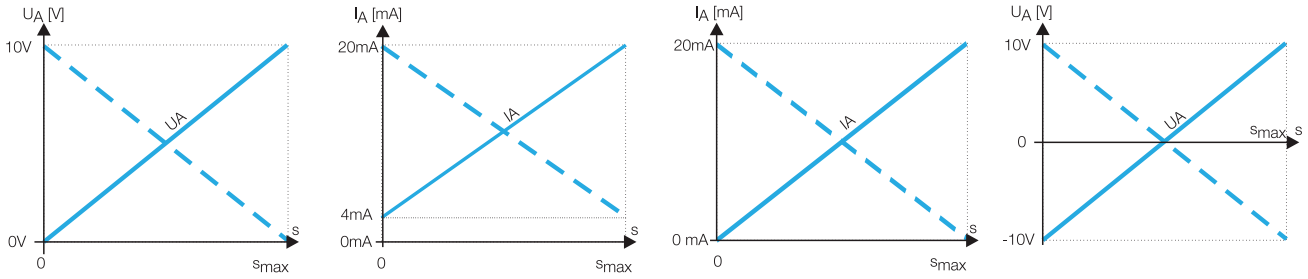
Profile P1 BIW
Analog interface

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



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

A	0...+10 V
G	–10...+10 V
E	4...20 mA
C	0...20 mA

Standard nominal stroke [mm]

0075	0100	0130	0150
0175	0225	0260	0300
0360	0375	0400	0450
0500	0600	0650	0750
0775			