KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5863/5883, OPTICAL, SSI, Ø58 MM

SERIE 5863

- Housing diameter Ø58 mm
- SSI / BiSS
- Safety-Lock™
- High enclosure class

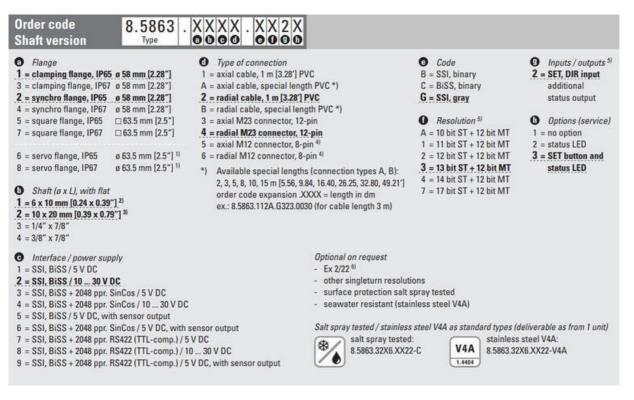




Product description

Sendix 5863/5883 is a multivariate sensor with SSI / BiSS interface in robust design. Thanks to the construction of Safety-Lock ™ as well as the fully cast housing, the sensor is able to handle even the more demanding applications where there are high demands on the sensor. The wide temperature range combined with the high enclosure class allows the sensor to be used outdoors as well as applications where large temperature changes occur. Sendix 5863/5883 has LED indication which facilitates diagnosis of the sensor and a set button that facilitates calibration.

Please refer to the images below for ordering information.



Order code 8.5883 | . |X|X|X|X| . |X|X|2|X Hollow shaft 0000 0000 Flange Type of connection 1 = with spring element, long, IP65 2 = with spring element, long, IP67 3 = with stator coupling, IP65 ø 65 mm [2.56"] 4 = with stator coupling, IP67 ø 65 mm [2.56"] F = tangential cable, special length PVC *)

Through hollow shaft 3 = ø 10 mm [0.39"] 4 = ø 12 mm [0.47"] 5 = ø 14 mm [0.55"] 8 = ø 3/8"

5 = with stator coupling, IP65 ø 63 mm [2.48"]

6 = with stator coupling, IP67 ø 63 mm [2.48"]

9 = 0 1/2" Blind hollow shaft (insertion depth max. 30 mm [1.18"]) 6 = ø 15 mm [0.59"]

2 = radial cable, 1 m [3.28'] PVC B = radial cable, special length PVC *) E = tangential cable, 1 m [3.28] PVC

4 = radial M23 connector, 12-pin

6 = radial M12 connector, 8-pin 2) *) Available special lengths (connection types B, F): 2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21'] order code expansion .XXXX = length in dm ex.: 8.5883.542B.G323.0030 (for cable length 3 m)

Code B = SSI, binary C = BiSS, binary

G = SSI, gray Resolution 1) A = 10 bit ST + 12 bit MT 1 = 11 bit ST + 12 bit MT

2 = 12 bit ST + 12 bit MT 3 = 13 bit ST + 12 bit MT 4 = 14 bit ST + 12 bit MT 7 = 17 bit ST + 12 bit MT

1 Inputs / outputs 1) 2 = SET, DIR input additional status output

Options (service) 1 = no option

2 = status LED 3 = SET button and status LED

Interface / power supply

1 = SSI, BiSS / 5 V DC

2 = SSI, BISS / 10 ... 30 V DC

3 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC

4 = SSI, BiSS + 2048 ppr. SinCos / 10 ... 30 V DC

5 = SSI, BiSS / 5 V DC, with sensor output

6 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC, with sensor output

7 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 5 V DC

8 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 10 ... 30 V DC

9 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 5 V DC, with sensor output

Optional on request

- Ex 2/22 (not for type of connection E, F) 3)
- other singleturn resolutions
- surface protection salt spray tested
- seawater resistant (stainless steel V4A)

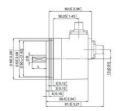
Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit) V4A

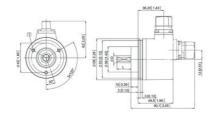
1.4404

salt spray tested: 8.5883.24X6.XX22-C 8.5883.25X6.XX22-C stainless steel V4A: 8.5883.24X6.XX22-V4A

Specifications

Connection Thread	Cable, M12, M23 contact
Housing diametre	58
IP Class	IP65, IP67
Mounting	Shoulder
Output	SSI
Resolution More Yards	Max. 12 bit
Sensor type	Absolute
Shaft Diameter max	10
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	5
Temperature range from	-40
Temperature range to	90
Version	Multiturn







Interface	Type of connection	Features	Cable (solate	wuse	S wires	individ	rally be	fore in	tiel star	rt-up)						
1,2	1,2,4,8,6,5	SET DIR, Status	Signal	OV	+V	C+	C-	D+	D-	SET	DIR	Stat	N/C	NC	N/C	н
			Cable colour	WH	8N	GN	Yξ	GY	PK	BU	RD	BK		-	-	shield
Interface	Type of connection	Features	M23 connector													
1,2	3,4	SET DIR. Status	Signal:	OV	+4	C+	C-	0+	D-	SET	DR.	Stat	NC	NC	NIC	н
			Pinc	1	2	1	4	5	6	7		9	10	11	12	PH
Interface	Type of connection	Features	Cable (Isolate unused wires individually before initial start-up)													
5	1,2A8.EF	SET, DIR, Status	Signal:	ov	+V	C+	C	D+	D-	SET	DIR	Stat	NC	(Viseos	+Vsiens	H
		sensor output	Cable colour	WH	BN	GN	ΥĽ	GY	PK	BU	RD	toc		GH-PK	RD-BU	shiek
Interface	Type of connection	Features .	M2) connector													
5	3,4	SET, DIR, Status	Signal:	OV	+V	C+	C-	D+	D	SET	DIR	Stat	NC	Diseas	+Vsens	H
		sensor output	Pinc		2	3	4	5	6	7	1	9	10	11	12	211
Interface	Type of connection	Features .	Cable (solate unused wires individually before initial start-up)													
3,4,7,8	1,2,4 8,E,F	SET, DIR, SinCos	Signal:	OV	+V	C+	C	D+	D	SET	DIR	A	A	8		H.
		or incr. RS422	Cable colour	WH	BN	GN	YE	GY	PK	BU	RD	BIC	VT	GY-PK	RD-BU	shield
Interface	Type of connection	Features	M23 corinects	or .		_	01 1							1		
3,4,7,8	3,4	SET DIR SINCOS	Signal.	ov	+V	C+	C-	De	D	SET	DIR	A	Ā	9	- 8	H
		or incr. RS422	Piex		2	3	4.	5	6	7		9	10	11	12	PH
Interface	Type of connection	Features	Cable (solate unused wires individually before initial start-up)													
6	1,2A&EF	SinCos a. Incr. 85422	Signat	ov	V+C	C+	C.	D+	D.	A	A	8	8	¢Vsens	+Vsens	Н
		sensor output	Cable colour:	991	BN	GN	YÉ	GY	PK	BU	RD.	BK	Vf	GY-FX	80-8U	shield
Interface	Type of connection	Features	M21 connector													
6	3,4	SinCos a. Incr. R5422	Signal:	ov	W.	C+	C-	D+	D-	A	X	. 8	B	(Nyens	+Vsens	H
		sensor output	Pierc .		2	3	4	5	6	7		9	10	11	12	211
Interface	Type of connection	Features	M12 connector													
1,2	5.6	SET DIR	Signal:	ov	+V	C+	c.	C- D+ D- SET DIR H								
			Pies	1	2	3	.4	. 5	6	7	.8		PH			



| Secondary | Seco

