

OEM Automatic Ltd

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

SERIE 5883

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

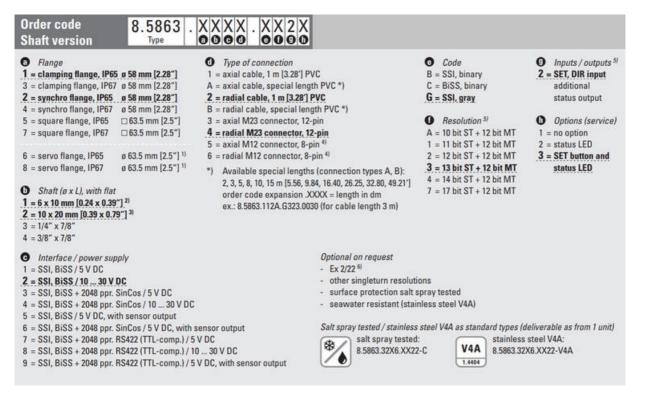




PRODUCT DESCRIPTION

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.

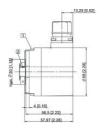
Please refer to the images below for ordering information.

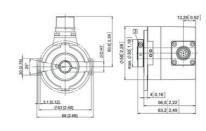


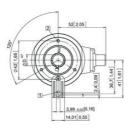
Order code 8.5883 . XXXXX . XX2X 0000 Hollow shaft 0000 Flange Type of connection Code 1 Inputs / outputs 1) 1 = with spring element, long, IP65 2 = radial cable, 1 m [3.28'] PVC B = SSI, binary 2 = SET, DIR input 2 = with spring element, long, IP67 B = radial cable, special length PVC *) C = BiSS, binary additional G = SSI, gray 3 = with stator coupling, IP65 ø 65 mm [2.56"] E = tangential cable, 1 m [3.28] PVC status output 4 = with stator coupling, IP67 ø 65 mm [2.56"] F = tangential cable, special length PVC *) 5 = with stator coupling, IP65 ø 63 mm [2.48"] 4 = radial M23 connector, 12-pin Resolution 1) Options (service) A = 10 bit ST + 12 bit MT 6 = with stator coupling, IP67 ø 63 mm [2.48"] 6 = radial M12 connector, 8-pin 2) 1 = no option 1 = 11 bit ST + 12 bit MT 2 = status LED *) Available special lengths (connection types B, F): Through hollow shaft 2 = 12 bit ST + 12 bit MT 3 = SET button and 2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21'] 3 = ø 10 mm [0.39"] 3 = 13 bit ST + 12 bit MT status LED order code expansion .XXXX = length in dm 4 = ø 12 mm [0.47"] 4 = 14 bit ST + 12 bit MT ex.: 8.5883.542B.G323.0030 (for cable length 3 m) 7 = 17 bit ST + 12 bit MT 5 = ø 14 mm [0.55"] 8 = ø 3/8" 9 = ø 1/2" Blind hollow shaft (insertion depth max. 30 mm [1.18"]) 6 = ø 15 mm [0.59"] Interface / power supply Optional on request 1 = SSI, BiSS / 5 V DC - Ex 2/22 (not for type of connection E, F) 3) 2 = SSI, BISS / 10 ... 30 V DC - other singleturn resolutions 3 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC - surface protection salt spray tested - seawater resistant (stainless steel V4A) 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 Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit) 7 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 5 V DC salt spray tested: stainless steel V4A: V4A 8 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 10 ... 30 V DC 8.5883.24X6.XX22-C 8.5883.24X6.XX22-V4A 8.5883.25X6.XX22-C 9 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 5 V DC, with sensor output 1.4404

TECHNICAL DATA

Connection	Cable, M12, M23 contact					
Housing diameter	58 mm					
IP class	IP65, IP67					
Mounting	Hollow shaft					
Output	SSI					
Resolution MT	Max. 12 bit					
Sensor type	Absolute					
Shaft diameter max	15 mm					
Shaft diameter min	10 mm					
Supply voltage dc max	30 V DC					
Supply voltage dc min	5 V DC					
Temperature operational max	90 °C					
Temperature operational min	-40 °C					
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-	D+	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 (solute 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	1,2A8.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:	nat OV +V C+ C- D+ D- SET DR H												
			Pies	1	2	3	.4	. 5	6	7	.8		PH			



| Secondary | Seco

