KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5853/5873, OPTICAL, SSI, Ø58 MM

SERIE 5853

- Housing diameter Ø58 mm
- SSI-Interface
- High shock resistance
- High degree of enclosure



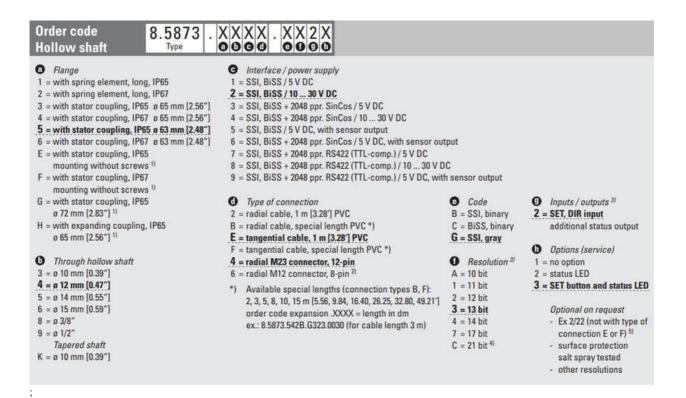


PRODUCT DESCRIPTION

Sendix 5853/5873 is a series of robust absolute encoded SSI axis sensors for demanding environments. Thanks to its rugged construction with Safety-Lock and the fully cast housing, the sensor can also handle the more demanding applications where the requirements are high. 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. The LED indication facilitates diagnostics of the sensor in place and saves time when troubleshooting.

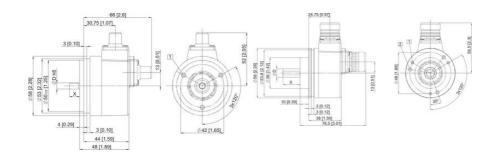
Please refer to the images below for ordering information.

Order code 8.5853 Shaft version Type			
1 = clamping flange, IP65 ø 58 mm [2.28"] 3 = clamping flange, IP67 ø 58 mm [2.28"] 2 = synchro flange, IP65 ø 58 mm [2.28"] 4 = synchro flange, IP67 ø 58 mm [2.28"] 5 = square flange, IP65 □ 63.5 mm [2.5"] 7 = square flange, IP67 □ 63.5 mm [2.5"] Shaft (ø x L), with flat 1 = 6 x 10 mm [0.24 x 0.39"] 11 2 = 10 x 20 mm [0.39 x 0.79"] 21 3 = 1/4" x 7/8" 4 = 3/8" x 7/8"	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 + 2048 ppr. SinCos / 5 V DC, with sensor output 6 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC, with sensor out 7 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 5 V DC 8 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 10 30 V D 9 = SSI, BiSS + 2048 ppr. RS422 (TTL-comp.) / 5 V DC, with 1 = axial cable, 1 m [3.28] PVC A = axial cable, 1 m [3.28] PVC B = radial cable, 1 m [3.28] PVC B = radial cable, 1 m [3.28] PVC B = radial cable, 1 m [3.28] PVC 6 = radial cable, 1 m [3.28] PVC 7 = radial cable, 1 m [3.28] PVC 8 = radial cable, 1 m [3.28] PVC 9 = radial cable, 1 m [3.28] PVC 10 = radial cable, 1 m [3.28] PVC 11 = radial M23 connector, 12-pin 12 = axial M12 connector, 12-pin 13 = axial M12 connector, 8-pin 3) 14 = Available special lengths (connection types A, B): 2	С	O Inputs / outputs 4) 2 = SET, DIR input additional status output Options (service) 1 = no option 2 = status LED 3 = SET button and status LED Optional on request - Ex 2/22 6) - surface protection salt spray tested - other resolutions



TECHNICAL DATA

Connection	Cable, M12, M23 contact
Housing diameter	58 mm
IP class	IP65, IP67
Mounting	Shoulder
Output	SSI
Sensor type	Absolute
Shaft diameter max	10 mm
Shaft diameter min	6 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	Singleturn



Signat:	GND	+V	+C	-C	+D	-0	SET	DIR	Stat	NIC	NC	NC	PE
Cable colour:	3001	BN	CN	YE	GY	PK	BU	RO.	BK	-		-	Shield
M23 connector:	1	2	3	4	5	6	7	1	9	10	11	12	PH
For output circuit 5 and	type of connec	ction 1, 2	3 or 4 (2 o	ontrol inp	uts, 1 statu	is output.	sensor ou	touts for w	negation				
Signat	GND	+V	40	- (+0	-0	SET	DIR	State	NC	OV sens	+Us sens	PE
Cable colour:	1004	BN	GN	YE	GY	PK	BU	RD	BK.	-	GY-PK	RD-BU	Shield
M23 connector:	1	- 2	3	-4	.5	6	7	8	0	10	11	12	PH
For output circuit 3, 4, 7	or 8 and tune	of connec	tion 1.2.3	or ACL to	setted inner	ts increase	ental track	P5422 ov	SinCra)				
Signal	GND	+V	+6	-C	*0	-0	SIT	DIR	A	Aiw	8	Biny	PE
Cable colour:	V001	BN	GN	YÈ	GY	PK	8U	RD	6K	VT	GYPK	RD-BU	Sheld
M23 connector:	1	2	1	.4	- 5	6	7	1	9	10	11	12	PH
M23 connector: or output circuit 1 or 2:	and type of co	2 onection	3 5 or 6 (2 o	4 ontrol inco	5 ont	6	2	8	9	10	- 11	12	PH
		_		-									
Signal	GND	+V	+C	<	+D	-0	SET	DIR	SNIGTE				
M23 connector:	1	- 2	1	-4	- 5	6	7			11	Į.		
and the second	Supply+VDC								State	Status or			



