## KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5868/5888, OPTICAL, ETHERCAT, Ø58 MM

**SERIE 5868 ETHERCAT** 

- Housing diameter Ø58 mm
- EtherCAT
- Safety-Lock™
- High enclosure class





- surface protection

salt spray tested

## PRODUCT DESCRIPTION

Sendix 5868/5888 is a multifarious sensor with EtherCAT 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 both outdoors and in applications where large temperature changes occur

Please refer to the image below for ordering information.

Order code 8.5868 Shaft version Type	. X X B 2 . B2 12		
1 = clamping flange, IP65 s 58 mm [2.28"] 3 = clamping flange, IP67 s 58 mm [2.28"] 2 = synchro flange, IP65 s 58 mm [2.28"] 4 = synchro flange, IP67 s 58 mm [2.28"] 5 = square flange, IP65 □ 63.5 mm [2.5"] 7 = square flange, IP67 □ 63.5 mm [2.5"]	<b>5</b> Shaft (\$\sigmu\$x L), with flat  1 = 6 \times 10 mm [0.24 \times 0.39"] \text{ 1}  2 = 10 \times 20 mm [0.39 \times 0.79"] \text{ 2}  3 = 1/4" \times 7/8"  4 = 3/8" \times 7/8"	Interface / power supply B = EtherCAT / 10 30 V DC  Type of connection removable bus terminal cover 2 = 3 x M12 connector, 4-pin  Fieldbus profile B2= EtherCAT with CoE (CAN over EtherNet)	Optional on request - Ex 2/22 - surface protection salt spray tested
Order code 8.5888 Hollow shaft Type	. XXB2 . B2 12		
Flange 1 = with spring element, long, IP65	Blind hollow shaft (insertion depth max.	O Interface / power supply B = EtherCAT / 10 30 V DC	Optional on request - Ex 2/22

30 mm [1.18"])

3 = ø 10 mm [0.39"]

4 = ø 12 mm [0.47"]

5 = ø 14 mm [0.55"]

6 = ø 15 mm [0.59"]

8 = ø 3/8

9 = 0 1/2"

## **TECHNICAL DATA**

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"]

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

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

Connection	M12
Housing diameter	58 mm
IP class	IP65, IP67

Type of connection

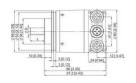
Fieldbus profile

2 = 3 x M12 connector, 4-pin

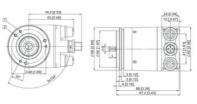
removable bus terminal cover

B2= EtherCAT with CoE (CAN over EtherNet)

Manustra	OL 11
Mounting	Shoulder
Output	EtherCAT
Resolution MT	Max. 12 bit
Resolution overall	28 bit (default: 25 bit)
Resolution ST	16 bit (default: 13 bit)
Sensor type	Absolute
Shaft diameter max	10 mm
Shaft diameter min	6 mm
Supply voltage dc max	30 V DC
Supply voltage dc min	10 V DC
Temperature operational max	80 °C
Temperature operational min	-40 °C
Version	Multiturn









Interface	Type of connection	Function	M12 connector						
	Bus Port IN	Signal:	Transmit data	Receive datas	Transmit data-	Receive data-		2	
			Abbreviation	TxD+	RxD+	TxD-	RiD-		D (rede)
8 (J x M12 connector)		Pio:	- 1	2.	3	4	. 0	3	
	Power	Signal:	Voltage +		Voltage -		4.0	3	
	(3 x M12 connector)	supply	Abbreviation	+4		0.4		((:))	
		Pinc	1	- 2	3	4.	1	2	
		Bus Port OUT	Signal:	Transmit data	Receive data+	Transmit data	Receive data-	1.00	2
	Abbri	Abbreviation	TxD+	RxD+	TxD-	RiO-	. @	D codes	
		Pin	1	2	3	4		3	