

**KUEBLER - ABSOLUTE-CODED
 ANGULAR TRANSMITTER SENDIX
 5868/5888, OPTICAL, PROFINET, Ø58 MM
 SERIE 5868 PROFINET**

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



PRODUCT DESCRIPTION

Sendix 5868/5888 is a multivariate sensor with Profinet 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.

Please refer to the images below for ordering information.

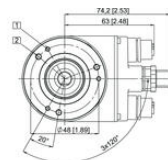
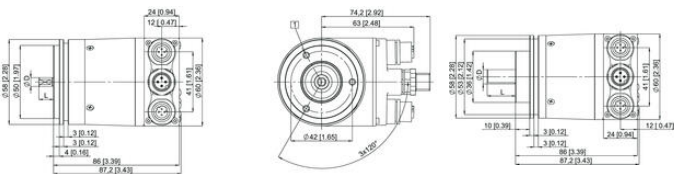
Order code Shaft version	8.5868 Type	.XXC2 a b c d	.C2 12 e
a Flange	b Shaft (ø x L), with flat	c Interface / power supply	e Fieldbus profile
1 = clamping flange, IP65 ø 58 mm [2.28"] 3 = clamping flange, IP67 ø 58 mm [2.28"] 2 = synchro flange, IP65 ø 58 mm [2.28"] 4 = synchro flange, IP67 ø 58 mm [2.28"] 5 = square flange, IP65 □ 63.5 mm [2.5"] 7 = square flange, IP67 □ 63.5 mm [2.5"]	1 = 6 x 10 mm [0.24 x 0.39"] ¹⁾ 2 = 10 x 20 mm [0.39 x 0.79"] ²⁾ 3 = 1/4" x 7/8" 4 = 3/8" x 7/8"	C = PROFINET IO / 10 ... 30 V DC	C2 = PROFINET IO
		d Type of connection removable bus terminal cover 2 = 3 x M12 connector, 4-pin	Optional on request - Ex 2/22 - surface protection salt spray tested

Order code Hollow shaft	8.5888 Type	.XXC2 a b c d	.C2 12 e
a Flange	b Blind hollow shaft	c Interface / power supply	e Fieldbus profile
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"] 5 = with stator coupling, IP65 ø 63 mm [2.48"] 6 = with stator coupling, IP67 ø 63 mm [2.48"]	(insertion depth max. 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 = ø 1/2"	C = PROFINET IO / 10 ... 30 V DC	C2 = PROFINET IO
		d Type of connection removable bus terminal cover 2 = 3 x M12 connector, 4-pin	Optional on request - Ex 2/22 - surface protection salt spray tested

TECHNICAL DATA

Connection	M12
Housing diameter	58 mm
IP class	IP65, IP67

Mounting	Shoulder
Output	ProfiNet
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	85 °C
Temperature operational min	-40 °C
Version	Multiturn



Interface	Type of connection	Function	M12 connector				Pin		
C	2 (3 x M12 connector)	Bus port 1	Signal:	Transmit data+	Receive data-	Transmit data-	Receive data+	1	2
		Abbreviation:	TxD+	RxD-	TxD-	RxD+	4	3	
		Pin:	1	2	3	4	4	3	
		Power supply	Signal:	Voltage +	-	Voltage-	-	4	3
		Abbreviation:	+V	-	0V	-	4	3	
		Pin:	1	2	3	4	1	2	
		Bus port 2	Signal:	Transmit data+	Receive data-	Transmit data-	Receive data+	1	2
		Abbreviation:	TxD+	RxD-	TxD-	RxD+	4	3	

Interface	Type of connection	Function	M12 connector				Pin		
C	2 (3 x M12 connector)	Bus port 1	Signal:	Transmit data+	Receive data-	Transmit data-	Receive data+	1	2
		Abbreviation:	TxD+	RxD-	TxD-	RxD+	4	3	
		Pin:	1	2	3	4	4	3	
		Power supply	Signal:	Voltage +	-	Voltage-	-	4	3
		Abbreviation:	+V	-	0V	-	4	3	
		Pin:	1	2	3	4	1	2	
		Bus port 2	Signal:	Transmit data+	Receive data-	Transmit data-	Receive data+	1	2
		Abbreviation:	TxD+	RxD-	TxD-	RxD+	4	3	