

# 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.

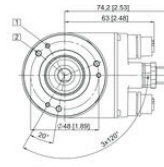
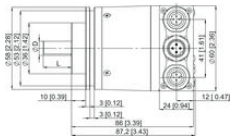
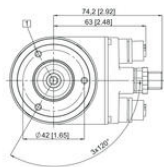
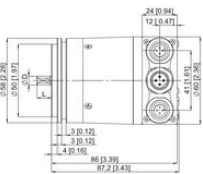
Order code	8.5868	.XXC2.	C2	12
Shaft version	Type	a b c d	e	
<b>a Flange</b>	<b>b Shaft (ø x L), with flat</b>	<b>c Interface / power supply</b>	<b>d Type of connection</b>	<b>e Fieldbus profile</b>
1 = clamping flange, IP65 ø 58 mm [2.28"]	1 = 6 x 10 mm [0.24 x 0.39"] <sup>1)</sup>	C = PROFINET IO /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

Order code	8.5888	.XXC2.	C2	12
Hollow shaft	Type	a b c d	e	
<b>a Flange</b>	<b>b Blind hollow shaft</b>	<b>c Interface / power supply</b>	<b>d Type of connection</b>	<b>e Fieldbus profile</b>
1 = with spring element, long, IP65	(insertion depth max. 30 mm [1.18"])	C = PROFINET IO / 10 ... 30 V DC	removable bus terminal cover	C2 = PROFINET IO
2 = with spring element, long, IP67	3 = ø 10 mm [0.39"]		2 = 3 x M12 connector, 4-pin	Optional on request
3 = with stator coupling, IP65 ø 65 mm [2.56"]	4 = ø 12 mm [0.47"]			- Ex 2/22
4 = with stator coupling, IP67 ø 65 mm [2.56"]	5 = ø 14 mm [0.55"]			- surface protection salt spray tested
5 = with stator coupling, IP65 ø 63 mm [2.48"]	6 = ø 15 mm [0.59"]			
6 = with stator coupling, IP67 ø 63 mm [2.48"]	8 = ø 3/8"			
	9 = ø 1/2"			

## Specifications

Housing diametre	58
IP Class	IP65, IP67
Resolution Envarv	16 bit (default 13 bit)

<b>Resolution More Yards</b>	Max. 12 bit
<b>Resolution Overall</b>	28 bit (default 25 bit)
<b>Shaft Diameter max</b>	10
<b>Shaft Diameter min</b>	6
<b>Supply Voltage DC Max</b>	30
<b>Supply Voltage DC Min</b>	10
<b>Temperature range from</b>	-40
<b>Temperature range to</b>	85



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