

## KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5868/5888, OPTICAL, PROFINET, Ø58 MM SERIE 5888 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.C212	
Shaft version	Type	a b c d e	
<b>a</b> Flange	<b>b</b> Shaft (ø x L), with flat	<b>c</b> Interface / power supply	<b>e</b> Fieldbus profile
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	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 = synchro flange, IP65 ø 58 mm [2.28"]	3 = 1/4" x 7/8"	<b>d</b> Type of connection	Optional on request
4 = synchro flange, IP67 ø 58 mm [2.28"]	4 = 3/8" x 7/8"	removable bus terminal cover	- Ex 2/22
5 = square flange, IP65 □ 63.5 mm [2.5"]		2 = 3 x M12 connector, 4-pin	- surface protection salt spray tested
7 = square flange, IP67 □ 63.5 mm [2.5"]			

<b>Order code</b>	<b>8.5888</b>	<b>.XXC2.C212</b>					
<b>Hollow shaft</b>	Type	<table><tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td></tr></table>	a	b	c	d	e
a	b	c	d	e			
<b>a</b> Flange	<b>b</b> Blind hollow shaft (insertion depth max. 30 mm [1.18"])	<b>c</b> Interface / power supply <b>C = PROFINET IO / 10 ... 30 V DC</b>	<b>e</b> Fieldbus profile <b>C2 = PROFINET IO</b>				
1 = with spring element, long, IP65	3 = ø 10 mm [0.39"]						
2 = with spring element, long, IP67	<b>4 = ø 12 mm [0.47"]</b>	<b>d</b> Type of connection removable bus terminal cover	Optional on request				
3 = with stator coupling, IP65 ø 65 mm [2.56"]	5 = ø 14 mm [0.55"]	<b>2 = 3 x M12 connector, 4-pin</b>	- Ex 2/22				
4 = with stator coupling, IP67 ø 65 mm [2.56"]	6 = ø 15 mm [0.59"]		- surface protection salt spray tested				
<b>5 = with stator coupling, IP65 ø 63 mm [2.48"]</b>	8 = 3/8"						
6 = with stator coupling, IP67 ø 63 mm [2.48"]	9 = 1/2"						

### TECHNICAL DATA

Connection	M12
Housing diameter	58 mm
IP class	IP65, IP67

Mounting	Hollow shaft
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	15 mm
Shaft diameter min	10 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

