

# KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5858/5878, OPTICAL, PROFINET, Ø58 MM SERIE 5858 PROFINET

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



## Product description

Sendix 5858/5878 is a one-way fieldbus sensor with ProfiNet in robust design. Thanks to the design of Safety-Lock™ and 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. Sendix 5858/5878 is available with LED indication, which facilitates diagnosis of the sensor and a set button that facilitates calibration.

Please refer to the images below for ordering information.

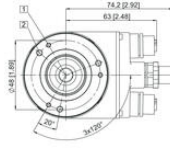
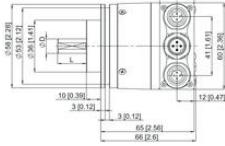
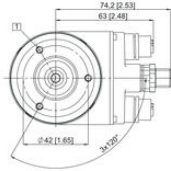
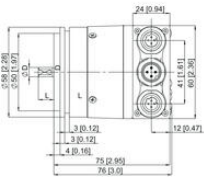
Order code	8.5858 . X X C 2 . C2 12					
Shaft version	Type	a	b	c	d	e
<b>a</b> Flange		<b>1 = clamping flange, IP65 ø 58 mm [2.28"]</b> 3 = clamping flange, IP67 ø 58 mm [2.28"]	<b>b</b> Shaft (ø x L), with flat <b>1 = 6 x 10 mm [0.24 x 0.39"]<sup>1)</sup></b> <b>2 = 10 x 20 mm [0.39 x 0.79"]<sup>2)</sup></b> 3 = 1/4" x 7/8" 4 = 3/8" x 7/8"	<b>c</b> Interface / power supply <b>C = PROFINET IO / 10 ... 30 V DC</b>	<b>e</b> Field bus profile <b>C2 = PROFINET IO</b>	
<b>2 = synchro flange, IP65 ø 58 mm [2.28"]</b> 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"]				<b>d</b> Type of connection removable bus terminal cover <b>2 = 3 x M12 connector, 4-pin</b>	Optional on request - Ex 2/22 - surface protection salt spray tested	

Order code	8.5878 . X X C 2 . C2 12					
Hollow shaft	Type	a	b	c	d	e
<b>a</b> Flange		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"] <b>5 = with stator coupling, IP65 ø 63 mm [2.48"]</b> 6 = with stator coupling, IP67 ø 63 mm [2.48"]	<b>b</b> Blind hollow shaft (insertion depth max. 30 mm [1.18"]) 3 = ø 10 mm [0.39"] <b>4 = ø 12 mm [0.47"]</b> 5 = ø 14 mm [0.55"] 6 = ø 15 mm [0.59"] 8 = ø 3/8" 9 = ø 1/2"	<b>c</b> Interface / power supply <b>C = PROFINET IO / 10 ... 30 V DC</b>	<b>e</b> Field bus profile <b>C2 = PROFINET IO</b>	
				<b>d</b> Type of connection removable bus terminal cover <b>2 = 3 x M12 connector, 4-pin</b>	Optional on request - Ex 2/22 - surface protection salt spray tested	

## Specifications

<b>Housing diameter</b>	58
<b>IP Class</b>	IP65, IP67
<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>	80



Type of connection 2, Decoded

Direction	A1/Port				Port 2			
	Transmit data	Receive data	Transmit data	Receive data	Transmit data	Receive data	Transmit data	Receive data
Abbreviation	TxD1	RxD1	TxD2	RxD2	TxD2	RxD2	TxD2	RxD2
M12 Pin assignment	1	2	3	4	1	2	3	4

Port A and B



Terminal assignment power supply

Signal	V <sub>+</sub> power supply	V <sub>-</sub>	0V	V <sub>-</sub>
Abbreviation	V <sub>+</sub>	-	0V	-
M12 Pin assignment	1	2	3	4

