

# KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX F5868 / F5888, OPTICAL, MODBUS, Ø58 MM SERIE F5888 MODBUS

- Housing diameter Ø58 mm
- Modbus - Interface
- 16 + 16 bit resolution
- -40 to +85 ° C working temperature



## Product description

Sendix F5868 / F5888 is a series of multivalved optical axes and hole axes with Modbus interface and a resolution of up to 32 bits (16 bit multi-color + 16-bit one-turn).

The sensor also has high enclosure class, shock resistance and a wide temperature range. The F5868 / F5888 is therefore very suitable for applications where extreme environments or temperatures may occur, such as mobile applications.

Please refer to the image below for ordering information.

Order code Shaft version	8.F5868	.	XX	6	E	.	61	1	2
	Type		a	b	c	d	e		
<b>a</b> Flange									
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"]									
<b>b</b> Shaft (ø x L), with flat									
1 = 6 x 10 mm [0.24 x 0.39"]									
2 = 10 x 20 mm [0.39 x 0.79"]									
3 = 1/4" x 7/8"									
4 = 3/8" x 7/8"									
<b>c</b> Interface / power supply									
6 = Modbus RTU, 10 ... 30 V DC									
<b>d</b> Type of connection									
E = 1 x radial M12 connector, 5-pin									
<b>e</b> Fieldbus profile									
61 = Modbus RTU Application Protocol V1.1b3									
							Optional on request		
							- Ex 2/22		
							- surface protection salt spray tested		

Order code Hollow shaft	8.F5888	.	XX	6	E	.	61	1	2
	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"]									
5 = with stator coupling, IP65 ø 63 mm [2.48"]									
6 = with stator coupling, IP67 ø 63 mm [2.48"]									
<b>b</b> Through hollow shaft									
3 = ø 10 mm [0.39"]									
4 = ø 12 mm [0.47"]									
5 = ø 14 mm [0.55"]									
6 = ø 15 mm [0.59"]									
<b>c</b> Interface / power supply									
6 = Modbus RTU, 10 ... 30 V DC									
<b>d</b> Type of connection									
E = 1 x radial M12 connector, 5-pin									
<b>e</b> Fieldbus profile									
61 = Modbus RTU Application Protocol V1.1b3									
							Optional on request		
							- Ex 2/22		
							- surface protection salt spray tested		

## Specifications

Connection Thread	M12
Housing diameter	58
IP Class	IP65, IP67
Mounting	Hollow shaft
Output	Modbus
Resolution Envarv	16 bit
Resolution More Yards	16 bit
Sensor type	Absolute
Shaft Diameter max	15
Shaft Diameter min	10
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85
Version	Multiturn

