

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

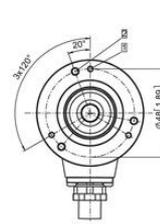
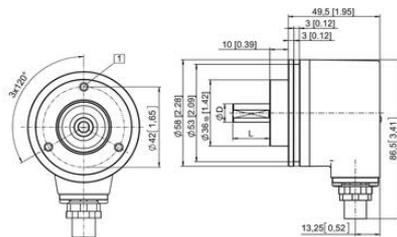
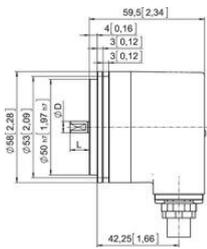
Order code Shaft version	8.F5868	.XX6E	.6112			
Type	a	b	c	d	e	
a Flange	1 = clamping flange, IP65 ø 58 mm [2.28"] 3 = clamping flange, IP67 ø 58 mm [2.28"] 2 = synchro flange, IP65 ø 58 mm [2.28"] 4 = synchro flange, IP67 ø 58 mm [2.28"]	b Shaft (ø x L), with flat 1 = 6 x 10 mm [0.24 x 0.39"] 2 = 10 x 20 mm [0.39 x 0.79"] 3 = 1/4" x 7/8" 4 = 3/8" x 7/8"	c Interface / power supply 6 = Modbus RTU, 10 ... 30 V DC	d Type of connection E = 1 x radial M12 connector, 5-pin	e 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	.XX6E	.6112			
Type	a	b	c	d	e	
a 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 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"]	c Interface / power supply 6 = Modbus RTU, 10 ... 30 V DC	d Type of connection E = 1 x radial M12 connector, 5-pin	e Fieldbus profile 61 = Modbus RTU Application Protocol V1.1b3	Optional on request - Ex 2/22 - surface protection salt spray tested

SPECIFICATIONS

Housing diameter	58
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IP Class	IP65, IP67
Resolution Envarv	16 bit
Resolution More Yards	16 bit
Shaft Diameter max	10
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85



Interface	Type of connection	1 x M12 connector					Pin					
6	E Back In	Signal	0V power supply	+V power supply	D0	D1	TG	2	1	3	4	5
		Pin:	3	2	5	4	1					

Interface	Type of connection	1 x M12 connector					Pin					
6	E Back In	Signal	0V power supply	+V power supply	D0	D1	TG	2	1	3	4	5
		Pin:	3	2	5	4	1					