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 Shaft version — 8.5868 . X X C 2 . C2 12 (Type | a | b | c | d | e)

a Flange	b Shaft (ø x L), with flat	c Interface / power supply	e Fieldbus profile
1 = clamping flange, IP65 ø 58 mm [2.28"]	**1 = 6 x 10 mm [0.24 x 0.39"]** [1]	**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"]** [2]	d Type of connection	*Optional on request*
2 = synchro flange, IP65 ø 58 mm [2.28"]	3 = 1/4" x 7/8"	*removable bus terminal cover*	- Ex 2/22
4 = synchro flange, IP67 ø 58 mm [2.28"]	4 = 3/8" x 7/8"	**2 = 3 x M12 connector, 4-pin**	- 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 Hollow shaft — 8.5888 . X X C 2 . C2 12 (Type | a | b | c | d | e)

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

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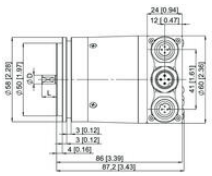
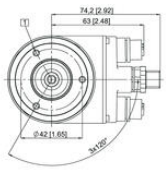
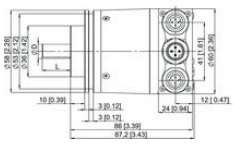
SPECIFICATIONS

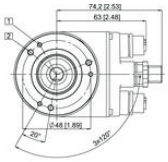
Housing diametre	58
IP Class	IP65, IP67
Resolution Envarv	16 bit (default 13 bit)
Resolution More Yards	Max. 12 bit
Resolution Overall	28 bit (default 25 bit)

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	Function	M12 connector					
C	2 (3 x M12 connector)	Bus port 1	Signal:	Transmit data+	Receive data+	Transmit data-	Receive data-	
			Abbreviation:	TxD+	RxD+	TxD-	RxD-	
			Pin:	1	2	3	4	
		Power supply	Signal:	Voltage +	-	Voltage –	-	
			Abbreviation:	+ V	-	0 V	-	
			Pin:	1	2	3	4	
		Bus port 2	Signal:	Transmit data+	Receive data+	Transmit data-	Receive data-	
			Abbreviation:	TxD+	RxD+	TxD-	RxD-	
			Pin:	1	2	3	4	

Interface	Type of connection	Function	M12 connector					
C	2 (3 x M12 connector)	Bus port 1	Signal:	Transmit data+	Receive data+	Transmit data-	Receive data-	
			Abbreviation:	TxD+	RxD+	TxD-	RxD-	
			Pin:	1	2	3	4	
		Power supply	Signal:	Voltage +	-	Voltage –	-	
			Abbreviation:	+ V	-	0 V	-	
			Pin:	1	2	3	4	
		Bus port 2	Signal:	Transmit data+	Receive data+	Transmit data-	Receive data-	
			Abbreviation:	TxD+	RxD+	TxD-	RxD-	
			Pin:	1	2	3	4	