KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5868/5888, OPTICAL, ETHERCAT, Ø58 MM

SERIE 5868 ETHERCAT

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

Product description

Sendix 5868/5888 is a multifarious sensor with EtherCAT 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 both outdoors and in applications where large temperature changes occur

Please refer to the image below for ordering information.

Order code Shaft version — 8.5868 . X X B 2 . B2 12 (Type | a | b | c | d | e)

a Flange	b Shaft (ø x L), with flat	c Interface / power supply	Optional on request
1 = clamping flange, IP65 ø 58 mm [2.28"]	1 = 6 x 10 mm [0.24 x 0.39"] 1)	B = EtherCAT / 10 ... 30 V DC	- Ex 2/22
3 = clamping flange, IP67 ø 58 mm [2.28"]	2 = 10 x 20 mm [0.39 x 0.79"] 2)	d Type of connection removable bus terminal cover	- surface protection salt spray tested
2 = synchro flange, IP65 ø 58 mm [2.28"]	3 = 1/4" x 7/8"	2 = 3 x M12 connector, 4-pin	
4 = synchro flange, IP67 ø 58 mm [2.28"]	4 = 3/8" x 7/8"	e Fieldbus profile	
5 = square flange, IP65 □63.5 mm [2.5"]		B2= EtherCAT with CoE (CAN over EtherNet)	
7 = square flange, IP67 □63.5 mm [2.5"]			

Order code Hollow shaft — 8.5888 . X X B 2 . B2 12 (Type | a | b | c | d | e)

a Flange	b Blind hollow shaft (insertion depth max. 30 mm [1.18"])	c Interface / power supply	Optional on request
1 = with spring element, long, IP65	3 = ø 10 mm [0.39"]	B = EtherCAT / 10 ... 30 V DC	- Ex 2/22
2 = with spring element, long, IP67	4 = ø 12 mm [0.47"]	d Type of connection removable bus terminal cover	- surface protection salt spray tested
3 = with stator coupling, IP65 ø 65 mm [2.56"]	5 = ø 14 mm [0.55"]	2 = 3 x M12 connector, 4-pin	
4 = with stator coupling, IP67 ø 65 mm [2.56"]	6 = ø 15 mm [0.59"]	e Fieldbus profile	
5 = with stator coupling, IP65 ø 63 mm [2.48"]	8 = ø 3/8"	B2= EtherCAT with CoE (CAN over EtherNet)	
6 = with stator coupling, IP67 ø 63 mm [2.48"]	9 = ø 1/2"		

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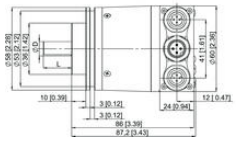
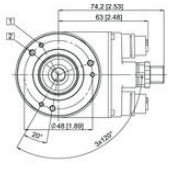
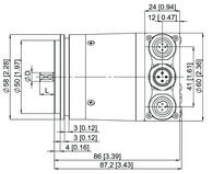
Specifications

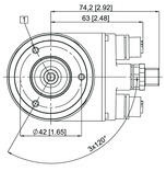
Connection Thread	M12
Housing diametre	58
IP Class	IP65, IP67

Mounting	Shoulder
Output	EtherCAT
Resolution Envarv	16 bit (default: 13 bit)
Resolution More Yards	Max. 12 bit
Resolution Overall	28 bit (default: 25 bit)
Sensor type	Absolute
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	80
Version	Multiturn









Interface	Type of connection	Function	M12 connector					
8	2 (3 x M12 connector)	Bus Port IN	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	-	0V	-	
			Pin:	1	2	3	4	
		Bus Port OUT	Signal:	Transmit data+	Receive data+	Transmit data-	Receive data-	
			Abbreviation	TxD+	RxD+	TxD-	RxD-	
			Pin:	1	2	3	4