

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.

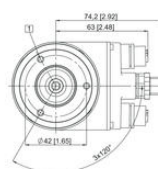
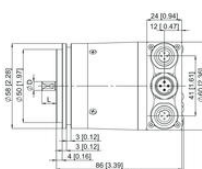
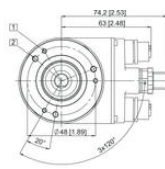
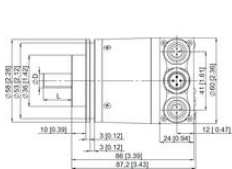
Order code	8.5868	.XXB2	.B2 12
Shaft version	Type	a b c d	e
a Flange		b Shaft (ø x L), with flat	c Interface / power supply
1 = clamping flange, IP65 ø 58 mm [2.28"]		1 = 6 x 10 mm [0.24 x 0.39"] ¹⁾	B = EtherCAT / 10 ... 30 V DC
3 = clamping flange, IP67 ø 58 mm [2.28"]		2 = 10 x 20 mm [0.39 x 0.79"] ²⁾	
2 = synchro flange, IP65 ø 58 mm [2.28"]		3 = 1/4" x 7/8"	d Type of connection
4 = synchro flange, IP67 ø 58 mm [2.28"]		4 = 3/8" x 7/8"	removable bus terminal cover
5 = square flange, IP65 □ 63.5 mm [2.5"]			2 = 3 x M12 connector, 4-pin
7 = square flange, IP67 □ 63.5 mm [2.5"]			
			e Fieldbus profile
			B2 = EtherCAT with CoE (CAN over EtherNet)
			Optional on request
			- Ex 2/22
			- surface protection salt spray tested

Order code	8.5888	.XXB2	.B2 12
Hollow shaft	Type	a b c d	e
a Flange		b Blind hollow shaft	c Interface / power supply
1 = with spring element, long, IP65		(insertion depth max. 30 mm [1.18"])	B = EtherCAT / 10 ... 30 V DC
2 = with spring element, long, IP67		3 = ø 10 mm [0.39"]	
3 = with stator coupling, IP65 ø 65 mm [2.56"]		4 = ø 12 mm [0.47"]	d Type of connection
4 = with stator coupling, IP67 ø 65 mm [2.56"]		5 = ø 14 mm [0.55"]	removable bus terminal cover
5 = with stator coupling, IP65 ø 63 mm [2.48"]		6 = ø 15 mm [0.59"]	2 = 3 x M12 connector, 4-pin
6 = with stator coupling, IP67 ø 63 mm [2.48"]		8 = ø 3/8"	
		9 = ø 1/2"	e Fieldbus profile
			B2 = EtherCAT with CoE (CAN over EtherNet)
			Optional on request
			- Ex 2/22
			- surface protection salt spray tested

TECHNICAL DATA

Connection	M12
Housing diameter	58 mm
IP class	IP65, IP67

Mounting	Shoulder
Output	EtherCAT
Resolution MT	Max. 12 bit
Resolution overall	28 bit (default: 25 bit)
Resolution ST	16 bit (default: 13 bit)
Sensor type	Absolute
Shaft diameter max	10 mm
Shaft diameter min	6 mm
Supply voltage dc max	30 V DC
Supply voltage dc min	10 V DC
Temperature operational max	80 °C
Temperature operational min	-40 °C
Version	Multiturn



Interface	Type of connection	Function	M12 connector							
B	2	Bus Port IN	Signal:	Transmit data	Receive data	Transmit data	Receive data	1	2	D-coded
			Abbreviations:	TxD+	RxD+	TxD-	RxD-	3	4	
	Pin:	1	2	3	4	4	3			
	Power	Voltage +	-	Voltage -	-	4	3			
3 + M12 connector	Power	Abbreviations:	+ V	-	GND	-	4	3		
		Pin:	1	2	3	4	3	2		
B	2	Bus Port OUT	Signal:	Transmit data	Receive data	Transmit data	Receive data	1	2	D-coded
			Abbreviations:	TxD+	RxD+	TxD-	RxD-	3	4	
	Pin:	1	2	3	4	4	3			
	Power	Voltage +	-	Voltage -	-	4	3			