

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5868/5888, OPTICAL, PROFINET, Ø58 MM SERIE 5888 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.

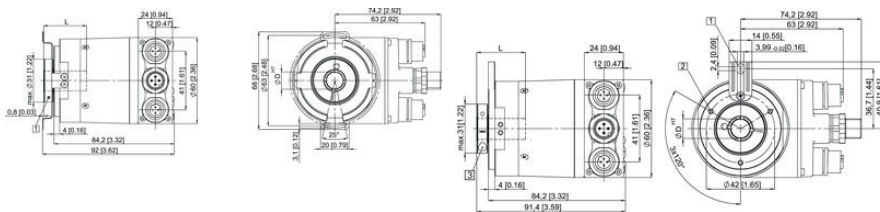
Order code	8.5868	.XXC2.	C2	12
Shaft version	Type	a b c d e		
a Flange		b Shaft (ø x L), with flat	c Interface / power supply	e Fieldbus profile
1 = clamping flange, IP65 ø 58 mm [2.28"]		1 = 6 x 10 mm [0.24 x 0.39"] ¹⁾	C = PROFINET IO / 10 ... 30 V DC	C2 = PROFINET IO
3 = clamping flange, IP67 ø 58 mm [2.28"]		2 = 10 x 20 mm [0.39 x 0.79"] ²⁾		
2 = synchro flange, IP65 ø 58 mm [2.28"]		3 = 1/4" x 7/8"	d Type of connection	Optional on request
4 = synchro flange, IP67 ø 58 mm [2.28"]		4 = 3/8" x 7/8"	removable bus terminal cover	- Ex 2/22
5 = square flange, IP65 □ 63.5 mm [2.5"]			2 = 3 x M12 connector, 4-pin	- surface protection salt spray tested
7 = square flange, IP67 □ 63.5 mm [2.5"]				

Order code	8.5888	.XXC2.	C2	12
Hollow shaft	Type	a b c d e		
a Flange		b Blind hollow shaft	c Interface / power supply	e Fieldbus profile
1 = with spring element, long, IP65		(insertion depth max. 30 mm [1.18"])	C = PROFINET IO / 10 ... 30 V DC	C2 = PROFINET IO
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	Optional on request
4 = with stator coupling, IP67 ø 65 mm [2.56"]		5 = ø 14 mm [0.55"]	removable bus terminal cover	- Ex 2/22
5 = with stator coupling, IP65 ø 63 mm [2.48"]		6 = ø 15 mm [0.59"]	2 = 3 x M12 connector, 4-pin	- surface protection salt spray tested
6 = with stator coupling, IP67 ø 63 mm [2.48"]		8 = ø 3/8"		
		9 = ø 1/2"		

Specifications

Connection Thread	M12
Housing diameter	58
IP Class	IP65, IP67

Mounting	Hollow shaft
Output	ProfiNet
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	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



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	4	3	2
		Power supply	Signal:	Voltage +	-	Voltage -	-		
			Abbreviation:	+ V	-	0V	-		
		Pin:	1	2	3	4	1	2	4
		Bus port 2	Signal:	Transmit data	Receive data	Transmit data	Receive data		
			Abbreviation:	TxD+	RxD+	TxD-	RxD-		
		Pin:	1	2	3	4	4	3	2

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	4	3	2
		Power supply	Signal:	Voltage +	-	Voltage -	-		
			Abbreviation:	+ V	-	0V	-		
		Pin:	1	2	3	4	1	2	4
		Bus port 2	Signal:	Transmit data	Receive data	Transmit data	Receive data		
			Abbreviation:	TxD+	RxD+	TxD-	RxD-		
		Pin:	1	2	3	4	4	3	2