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.

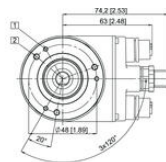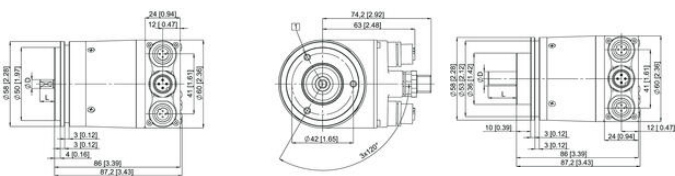Please refer to the images below for ordering information.

Order code Shaft version	8.5868 . X X C 2 . C2 12
	Type a b c d e

a Flange
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"]
5 = square flange, IP65 □ 63.5 mm [2.5"]
7 = square flange, IP67 □ 63.5 mm [2.5"]

b Shaft (ø x L), with flat
1 = 6 x 10 mm [0.24 x 0.39"] [1]
2 = 10 x 20 mm [0.39 x 0.79"] [2]
3 = 1/4" x 7/8"
4 = 3/8" x 7/8"

c Interface / power supply
C = PROFINET IO / 10 ... 30 V DC

d Type of connection
removable bus terminal cover
2 = 3 x M12 connector, 4-pin

e Fieldbus profile
C2= PROFINET IO

Optional on request
- Ex 2/22
- surface protection salt spray tested

Order code Hollow shaft	8.5888 . X X C 2 . C2 12
	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 Blind hollow shaft
(insertion depth max. 30 mm [1.18"])
3 = ø 10 mm [0.39"]
4 = ø 12 mm [0.47"]
5 = ø 14 mm [0.55"]
6 = ø 15 mm [0.59"]
8 = ø 3/8"
9 = ø 1/2"

c Interface / power supply
C = PROFINET IO / 10 ... 30 V DC

d Type of connection
removable bus terminal cover
2 = 3 x M12 connector, 4-pin

e Fieldbus profile
C2= PROFINET IO

Optional on request
- Ex 2/22
- surface protection salt spray tested

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Specifications

Connection Thread	M12
Housing diametre	58
IP Class	IP65, IP67

Mounting	Shoulder
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	10
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85
Version	Multiturn