KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5858/5878, OPTICAL, PROFINET, Ø58 MM

SERIE 5858 PROFINET

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

PRODUCT DESCRIPTION

Sendix 5858/5878 is a one-way fieldbus sensor with ProfiNet in robust design. Thanks to the design of Safety-Lock ™ and 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. Sendix 5858/5878 is available with LED indication, which facilitates diagnosis of the sensor and a set button that facilitates calibration.

Please refer to the images below for ordering information.

Order code Shaft version

8.5858 . 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 Field bus profile
C2 = PROFINET IO

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

Order code Hollow shaft

8.5878 . 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 Field bus profile
C2 = PROFINET IO

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

;

SPECIFICATIONS

Housing diametre	58
IP Class	IP65, IP67
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

Type of connection 2, D-coded

Direction	A1 Port				Port 2			
Signal	Transmit data+	Receive data+	Transmit data-	Receive data-	Transmit data+	Receive data+	Transmit data-	Receive data-
Abbreviation	TxD+	RxD+	TxD-	RxD-	TxD+	RxD+	TxD-	RxD-
M12 PIN assignment	1	2	3	4	1	2	3	4

Port A and B

Terminal assignment power supply

Signal	+U_B power supply	n.c.	0 V	n.c.
Abbreviation	+U_B	-	0 V	-
M12 PIN assignment	1	2	3	4

Bus connection1
Power supply
Bus connection2

Type of connection 2, D-coded

Direction	A1 Port				Port 2			
Signal	Transmit data+	Receive data+	Transmit data-	Receive data-	Transmit data+	Receive data+	Transmit data-	Receive data-
Abbreviation	TxD+	RxD+	TxD-	RxD-	TxD+	RxD+	TxD-	RxD-
M12 PIN assignment	1	2	3	4	1	2	3	4

Port A and B

Terminal assignment power supply

Signal	+U_B power supply	n.c.	0 V	n.c.
Abbreviation	+U_B	-	0 V	-
M12 PIN assignment	1	2	3	4

Bus connection1
Power supply
Bus connection2