

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 5858/5878, OPTICAL, CANOPEN, Ø58M SERIE 5858 CANOPEN

- Housing diameter Ø58 mm
- CANopen
- Safety-Lock™
- High degree of enclosure



PRODUCT DESCRIPTION

Sendix 5858/5878 is a one-way fieldbus transducer with CANopen 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. 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	8.5858 . XX2X . 211X					
Shaft version	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						
					d Type of connection <i>removable bus terminal cover</i> 1 = radial cable gland 2 = 2 x M12 connector, 5-pin <i>Fixed connection without bus terminal cover</i> A = radial cable, 2 m [6.56'] PVC B = radial cable, special length PVC *) E = 1 x radial M12 connector, 5-pin F = 2 x radial M12 connector, 5-pin I = 1 x radial M23 connector, 12-pin J = 2 x radial M23 connector, 12-pin *) Available special lengths (connection type B): 3, 5, 8, 10, 15 m [9.84, 16.40, 26.25, 32.80, 49.21'] order code expansion .XXXX = length in dm ex.: 8.5858.112B.2113.0030 (for cable length 3 m)	e Fieldbus profile 21 = CANopen f Options (service) 2 = no options 3 = SET button <i>Optional on request</i> - Ex 2/22 ³⁾ - surface protection salt spray tested

Order code
Hollow shaft

8.5878
Type

. X X 2 X . 21 1 X
a b c d e f

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

- 2 = CANopen DS301 V4.02 / 10 ... 30 V DC**

d Type of connection

- removable bus terminal cover
- 1 = radial cable gland
- 2 = 2 x M12 connector, 5-pin**
Fixed connection without bus terminal cover
- A = radial cable, 2 m [6.56'] PVC
- B = radial cable, special length PVC *)
- E = 1 x radial M12 connector, 5-pin
- F = 2 x radial M12 connector, 5-pin
- I = 1 x radial M23 connector, 12-pin
- J = 2 x radial M23 connector, 12-pin
- *) Available special lengths (connection type B):
3, 5, 8, 10, 15 m [9.84, 16.40, 26.25, 32.80, 49.21']
order code expansion .XXXX = length in dm
ex.: 8.5878.542B.2113.0030 (for cable length 3 m)

e Fieldbus profile

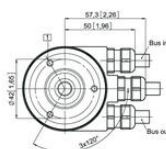
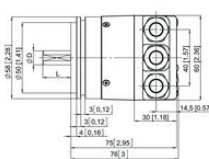
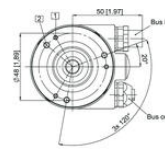
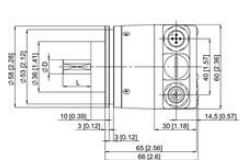
- 21 = CANopen**

f Options (service)

- 2 = no options
- 3 = SET button**
- Optional on request
- Ex 2/22 1)
- surface protection
- salt spray tested

SPECIFICATIONS

Housing diameter	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



Bus terminal cover with terminal box (type of connection I)

Direction	OUT						IN					
Signal	CAN_Ground	CAN_Low (+)	CAN_High (-)	0V power supply	+16 power supply	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	
Abbreviation	CG	CL	CH	0V	+16	0V	+16	CL	CH	CG	CG	
Cable colour	WH	BN	YE	GN	GY	WH	BN	YE	GN	GY	WH	

Cable connection (type of connection A)

Direction	IN						Bus in and out M12					
Signal	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	
Abbreviation	0V	+V	CL	CH	CG	CG	0V	+V	CL	CH	CG	
Cable colour	WH	BN	YE	GN	GY	GY	WH	BN	YE	GN	GY	

Connector M12 (type of connection I) or M12 (type of connection E)

Direction	IN						Bus in					
Signal	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	
Abbreviation	0V	+V	CL	CH	CG	CG	0V	+V	CL	CH	CG	
M12 PIN assignment	10	12	2	7	3	3	10	12	2	7	3	
M12 PIN assignment	3	2	5	4	1	1	3	2	5	4	1	

Bus terminal cover with Connectors 2 x M12 (type of connection 2, F or J)

Direction	OUT						IN					
Signal	CAN_Ground	CAN_Low (+)	CAN_High (-)	0V power supply	+16 power supply	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	
Abbreviation	CG	CL	CH	0V	+16	0V	+16	CL	CH	CG	CG	
M12 PIN assignment	3	2	7	10	12	10	12	7	2	3	3	
M12 PIN assignment	1	5	4	3	2	3	2	5	4	1	1	

Bus terminal cover with terminal box (type of connection I)

Direction	OUT						IN					
Signal	CAN_Ground	CAN_Low (+)	CAN_High (-)	0V power supply	+16 power supply	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	
Abbreviation	CG	CL	CH	0V	+V	0V	+V	CL	CH	CG	CG	

Cable connection (type of connection A)

Direction	IN						Bus in and out M12					
Signal	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	
Abbreviation	0V	+V	CL	CH	CG	CG	0V	+V	CL	CH	CG	
Cable colour	WH	BN	YE	GN	GY	GY	WH	BN	YE	GN	GY	

Connector M12 (type of connection I) or M12 (type of connection E)

Direction	IN						Bus in					
Signal	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	
Abbreviation	0V	+V	CL	CH	CG	CG	0V	+V	CL	CH	CG	
M12 PIN assignment	10	12	2	7	3	3	10	12	2	7	3	
M12 PIN assignment	3	2	5	4	1	1	3	2	5	4	1	

Bus terminal cover with Connectors 2 x M12 (type of connection 2, F or J)

Direction	OUT						IN					
Signal	CAN_Ground	CAN_Low (+)	CAN_High (-)	0V power supply	+16 power supply	0V power supply	+16 power supply	CAN_Low (+)	CAN_High (-)	CAN_Ground	CAN_Ground	
Abbreviation	CG	CL	CH	0V	+16	0V	+16	CL	CH	CG	CG	
M12 PIN assignment	3	2	7	10	12	10	12	7	2	3	3	
M12 PIN assignment	1	5	4	3	2	3	2	5	4	1	1	