

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



- Housing diameter Ø58 mm
- CANopen / CANopenLift
- High shock resistance
- High enclosure class

PRODUCT DESCRIPTION

Sendix 5868/5888 is a multivariate fieldbus transmitter with profibus 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 5868/5888 has LED indication which facilitates diagnosis of the sensor and a set button that facilitates calibration.

Please refer to the image below for ordering information.

Order code	8.5868 . XXXX . XXXX							
Shaft version	Type	a	b	c	d	e	f	
a Flange		1 = clamping flange, IP65 ø 58 mm [2.28"] 3 = clamping flange, IP67 ø 58 mm [2.28"]						
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		2 = CANopen DS301 V4.02, 10 ... 30 V DC 5 = CANopen DS301 V4.02, 10 ... 30 V DC with 2048 ppr incremental track (TTL-compatible) ³⁾						
d Type of connection					removable bus terminal cover 1 = radial cable gland 2 = 2 x or 3 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 K = 1 x Sub-D connector, 9-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.: 8.5868.112B.2123.0030 (for cable length 3 m)			
e Fieldbus profile						212 = CANopen 221 = CANlift DS417 V1.01		
f Options (service)						2 = no options 3 = SET button		
Optional on request						- Ex 2/22 ⁴⁾ - surface protection salt spray tested - seawater resistant (stainless steel V4A)		
Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit)						 salt spray tested: 8.5868.3222.2122-C  stainless steel V4A: 8.5868.3222.2122-V4A 1.4404		

Order code
Hollow shaft

8.5888
Type

. **X** **X** **X** **X** . **X** **X** **X** **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**
- 5 = CANopen DS301 V4.02, 10 ... 30 V DC**
with 2048 ppr incremental track (TTL-compatible) ¹⁾

d Type of connection

- removable bus terminal cover*
- 1 = radial cable gland
 - 2 = 2 x or 3 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
 - K = 1 x Sub-D connector, 9-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.: 8.5888.542B.2123.0030 (for cable length 3 m)

Optional on request

- Ex 2/22 ²⁾
- surface protection salt spray tested
- seawater resistant (stainless steel V4A)

e Fieldbus profile

- 212 = CANopen**
- 221 = CANlift DS417 V1.01

f Options (service)

- 2 = no options
- 3 = SET button**

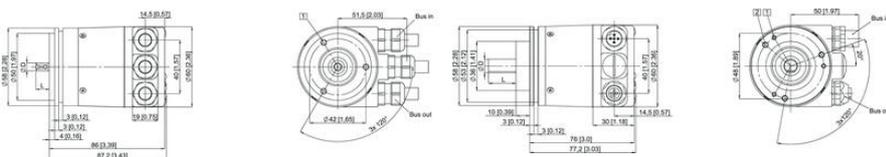
Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit)

 salt spray tested:
8.5888.2422.2122-C
8.5888.2522.2122-C

 **V4A**
1.4404
stainless steel V4A:
8.5888.2422.2122-V4A

SPECIFICATIONS

Housing diameter	58
IP Class	IP65, IP67
Resolution Envarv	16 bit (default: 13 bit)
Resolution More Yards	Max. 12 bit
Resolution Overall	28 bit (default: 25 bit)
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



Interface	Type of connector	Cable gland (bus terminal cover with terminal box)	Bus OUT	Bus IN
2.5	1	Signal	CAN_GND CAN_L CAN_H EV -V+ CAN_L CAN_H CAN_GND	CAN_L CAN_H CAN_GND
		Abbreviation	CG CL CH EV -V+ EV -V+ EV -V+ CL CH CG	
2.5	A, B	Signal	EV -V+ CAN_L CAN_H power supply power supply	
		Cable colour	WH BW VE GN GP	
2.5	3, F	Signal	Bus OUT	CAN_L CAN_H CAN_GND
			Pin	
		Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
5	2	Signal	Incremental track	EV
			Pin	
2.5	E	Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
2.5	F	Signal	Bus OUT	CAN_L CAN_H CAN_GND
			Pin	
		Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
2.5	G	Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
2.5	K	Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	

Interface	Type of connector	Cable gland (bus terminal cover with terminal box)	Bus OUT	Bus IN
2.5	1	Signal	CAN_GND CAN_L CAN_H EV -V+ EV -V+ CAN_L CAN_H CAN_GND	CAN_L CAN_H CAN_GND
		Abbreviation	CG CL CH EV -V+ EV -V+ EV -V+ CL CH CG	
2.5	A, B	Signal	EV -V+ CAN_L CAN_H power supply power supply	
		Cable colour	WH BW VE GN GP	
2.5	3, F	Signal	Bus OUT	CAN_L CAN_H CAN_GND
			Pin	
		Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
5	2	Signal	Incremental track	EV
			Pin	
2.5	E	Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
2.5	F	Signal	Bus OUT	CAN_L CAN_H CAN_GND
			Pin	
		Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
2.5	G	Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	
2.5	K	Signal	Bus IN	CAN_L CAN_H CAN_GND
			Pin	