

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

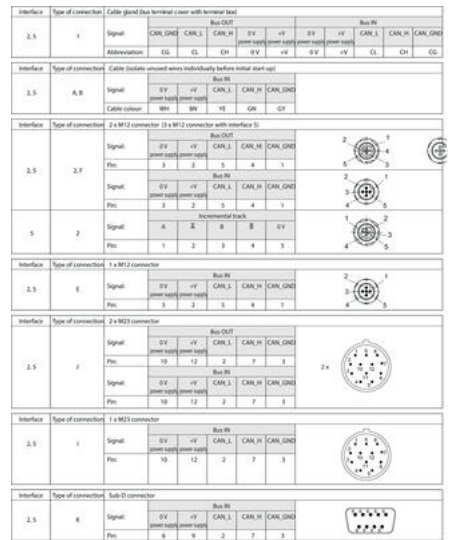
Please refer to the image below for ordering information.

Order code Shaft version	<div> <div>8.5868</div> <div>Type</div> </div> <div> <div>XXXX</div> <div>a b c d</div> </div> <div> <div>XXXX</div> <div>e f</div> </div>	
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"]	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.: 8.5868.112B.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
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⁾	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) <div>  salt spray tested: 8.5868.3222.2122-C </div> <div>  stainless steel V4A: 8.5868.3222.2122-V4A </div>

Order code		8.5888		.XXXXX		.XXXX					
Hollow shaft		Type		a	b	c	d				
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"]				d Type of connection <i>removable bus terminal cover</i> 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.: 8.5888.542B.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			
b Blind hollow shaft <i>(insertion depth max. 30 mm [1.18"])</i> 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⁾				<i>Optional on request</i> - Ex 2/22 ²⁾ - surface protection salt spray tested - seawater resistant (stainless steel V4A) <i>Salt spray tested / stainless steel V4A as standard types (deliverable as from 1 unit)</i> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  salt spray tested: 8.5888.2422.2122-C 8.5888.2522.2122-C </div> <div style="text-align: center;">  V4A 1.4404 </div> <div style="text-align: left;"> stainless steel V4A: 8.5888.2422.2122-V4A </div> </div>			

TECHNICAL DATA

Connection	Cable, M12, M23 contact
Housing diameter	58 mm
IP class	IP65, IP67
Mounting	Hollow shaft
Output	CANopen
Resolution MT	Max. 12 bit
Resolution overall	28 bit (default: 25 bit)
Resolution ST	16 bit (default: 13 bit)
Sensor type	Absolute
Shaft diameter max	15 mm
Shaft diameter min	10 mm
Supply voltage dc max	30 V DC
Supply voltage dc min	10 V DC
Temperature operational max	80 °C
Temperature operational min	-40 °C
Version	Multiturn

[illegible]