KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX 3651/3671, MAGNET-CODED, ANALOG, Ø36 MM

SERIE 3651

- Housing diameter Ø36 mm
- analog Output
- · High shock resistance
- Degree of protection IP67 / IP69K





Product description

Sendix 3651/3671 is a series of single-wave magnet-coded absolute transducers that are available in both shaft and hole axes with analog interface. Thanks to the contactless technology, the sensor is very compact and robust. As this technology allows for complete encapsulation of the sensor part on the sensor, a high enclosure class (IP69K on request), shock resistance and a wide temperature range can be achieved. The sensor is therefore very suitable for applications where extreme environments or temperatures can occur, such as mobile applications. It comes with either M12 or PUR cable as standard. Sendix 3651/3671 is also available in a salt water resistant version.

Please refer to the images below for ordering information.

Order code 8.365 Shaft version Type			
Flange 2 = synchro flange, ø 36 mm [1.42"] Shaft (ø x L), with flat 3 = ø 6 x 12.5 mm [0.24 x 0.49"] 6 = ø 8 x 12.5 mm [0.32 x 0.49"] 5 = ø 1/4" x 12.5 mm [0.49"] Output circuit ¹⁾ 3 = current output 4 = voltage output	Type of connection 1 = axial cable, 1 m [3.28'] PUR A = axial cable, special length PUR *) 2 = radial cable, 1 m [3.28'] PUR B = radial cable, special length PUR *) 3 = axial M12 connector, 5-pin 4 = radial M12 connector, 5-pin *) Available special lengths (connection types A, B): 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] order code expansion .XXXX = length in dm	Interface / power supply 3 = 4 20 mA / 10 30 V DC 4 = 0 10 V / 15 30 V DC 5 = 0 5 V / 10 30 V DC Option 1 1 = count direction cw ²⁾ 2 = count direction ccw ³⁾ Option 2	
4 = voltage output	ex.: 8.3651.233A.1311.0030 (for cable length 3 m) • Measuring range 1 = 1 x 360° 2 = 1 x 180° 3 = 1 x 90° 4 = 1 x 45°	1 = IP67 2 = IP69k Optional on request - Ex 2/22 (only for type of connection 3 + 4) - surface protection salt spray tested	

Order code 8.3671 Hollow shaft

Flange

2 = with spring element, long

5 = with stator coupling, ø 46 mm [1.81"]

Blind hollow shaft

(insertion depth max. 18 mm [0.71"])

2 = ø 6 mm [0.24"]

4 = ø 8 mm [0.32"]

6 = ø 10 mm [0.39"]

3 = 0.1/4"

Output circuit 1)

3 = current output

4 = voltage output

Type of connection

1 = axial cable, 1 m [3.28'] PUR

A = axial cable, special length PUR *)

2 = radial cable, 1 m [3.28] PUR

B = radial cable, special length PUR *)

3 = axial M12 connector, 5-pin

4 = radial M12 connector, 5-pin

*) Available special lengths (connection types A, B): 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] order code expansion .XXXX = length in dm ex.: 8.3671.523A.1311.0030 (for cable length 3 m)

Measuring range

1 = 1 x 360°

2 = 1 x 180°

 $3 = 1 \times 90^{\circ}$

 $4 = 1 \times 45^{\circ}$

Interface / power supply

3 = 4 ... 20 mA / 10 ... 30 V DC 4 = 0 ... 10 V / 15 ... 30 V DC

5 = 0 ... 5 V / 10 ... 30 V DC

O Option 1

1 = count direction cw 2)

2 = count direction ccw 3)

Option 2

1 = IP67

2 = IP69k

Optional on request

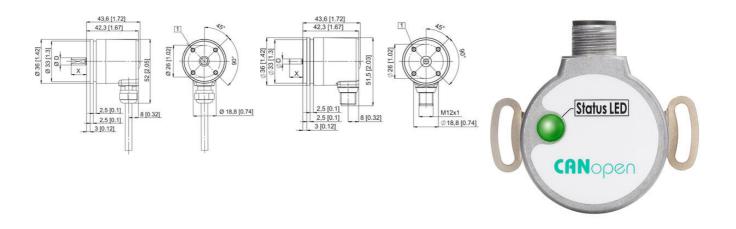
- Ex 2/22 (only for type of connection 3 + 4)

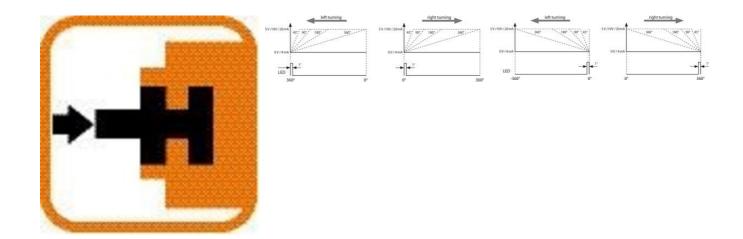
- surface protection salt spray tested

Specifications

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Housing diametre	36
IP Class	IP67, IP69K
Shaft Diameter max	8
Shaft Diameter min	6
Supply Voltage DC Max	30
Supply Voltage DC Min	10
Temperature range from	-40
Temperature range to	85





Interface	Type of connection	Cable (solate unused wives individually before initial start-up)						
3 (current)	1.2.4.8	Signal:	0.4	+V	+1	- 4		
		Cable colour:	WH	8N	GN	YE		
Interface	Type of connection	M12 connector, 5	pin					
3 (current)	3.4	Signal:	ov	+V	+l	- 4		
		Pin:	3	2	4	- 5		
Interface	Type of connection	Cable (isolate unu	ned wires indi	vidually before	initial start-up	0		
4.5 (voltage)	1, 2, A, B	Signal:	ov	+V	+U	-0		
		Cable colour:	WH	8N	GN	YE		
interface	Type of connection	ction M12 connector. 5 pin						
4,5 (voltage)	3,4	Signal:	0.4	+V	+U	-0		
		Pinc	3	2	- 4	- 5		

M12 connector, 5-pin

Encoder power supply ground GND (0.V)
 Encoder power supply ground GND (0.V)
 +01-03: Voltage + / voltage
 +1-1: Current + / current -