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

**SERIE 3671** 

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

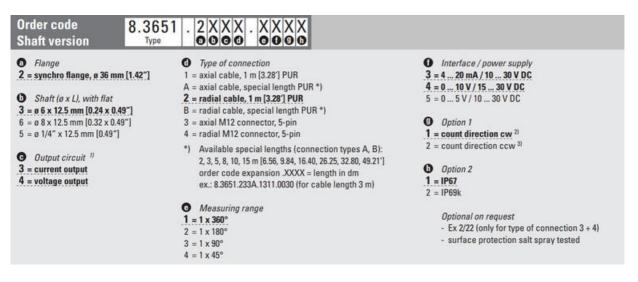




## Product description

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.

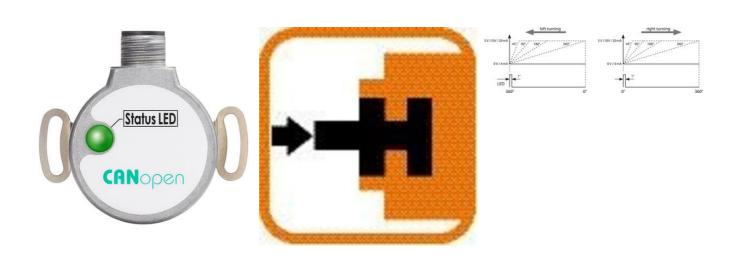
Please refer to the images below for ordering information.

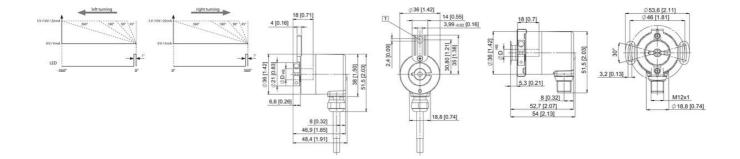


## Order code 8.3671 Hollow shaft Flange Type of connection Interface / power supply 3 = 4 ... 20 mA / 10 ... 30 V DC 4 = 0 ... 10 V / 15 ... 30 V DC 1 = axial cable, 1 m [3.28'] PUR 2 = with spring element, long 5 = with stator coupling, ø 46 mm [1.81"] A = axial cable, special length PUR \*) 2 = radial cable, 1 m [3.28] PUR $5 = 0 ... \, 5 \, V \, / \, 10 \, ... \, 30 \, V \, DC$ Blind hollow shaft B = radial cable, special length PUR \*) (insertion depth max. 18 mm [0.71"]) 3 = axial M12 connector, 5-pin O Option 1 2 = ø 6 mm [0.24"] 4 = radial M12 connector, 5-pin 1 = count direction cw 2) 4 = ø 8 mm [0.32"] 2 = count direction ccw 3) \*) Available special lengths (connection types A, B): 6 = ø 10 mm [0.39"] 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] 3 = 0.1/4"Option 2 order code expansion .XXXX = length in dm 1 = IP67 ex.: 8.3671.523A.1311.0030 (for cable length 3 m) Output circuit 1) 2 = IP69k 3 = current output Measuring range 4 = voltage output Optional on request 1 = 1 x 360° - Ex 2/22 (only for type of connection 3 + 4) 2 = 1 x 180° - surface protection salt spray tested $3 = 1 \times 90^{\circ}$ $4 = 1 \times 45^{\circ}$

## Specifications

Connection Thread	Cable, M12
Housing diametre	36
IP Class	IP67, IP69K
Mounting	Hollow shaft
Output	Analog
Sensor type	Absolute
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	85
Version	Singleturn

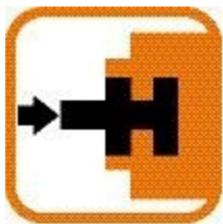




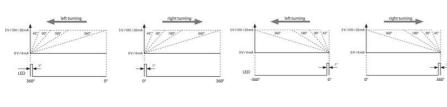
Interface.	Type of connection Cable (isolate unused wires individually before initial start-up)							
3 (current)	1,2,A,8	Signal:	OV	+V	+1	- 4		
		Cable colour:	WH	8N	GN	YE		
interface	Type of connection M12 connector, 5 pin							
3 loument0	3,4	Signal:	ov	+V	+l	- 4		
		Pin:	3	2	4	5		
interface.	Type of connection Cable (isolate unused wires individually before initial start-up)							
4.5 (voltage)	1, 2, 4, 8	Signal:	0 V	+V	+U	- 0		
		Cable colour:	WH	8N	GN	YE		
interface	Type of connection M12 connector, 5 pin							
4,5 (voltage)	3,4	Signal:	OV	+V	+U	-0		
		Pinc		2	- 4	5		







© 0 0 0 M12 connector, 5-pin



M12 connector, 5-pin

Interface.	Type of connects	Type of connection: Cable (isolate unused wires individually before initial start-up)							
3 (current)	1.2.A.8	Signal:	0.4	+V	H	-4			
	1,2,4,0	Cable colour:	WH	8N	GN	YE			
Interface	Type of connects	on M12 connector, 5	plin						
3 lownent0		Signal:	0.0	+V	+6	- 3			
	3.4	Per	3	2	4	5			
Interface.	Type of connects	Type of connection: Cable (isolate unused wires individually before initial start-up)							
4.5 (voltage) 1,2,4		Signal:	0 V	+V	U4	-0			
	1, 2, 4, 8	Cable colour:	WH	8N	GN	YE			
Interface	Type of connection M12 connector, 5 pin								
4.5	3.4	Signal:	0.4	+٧	+0	-0			
4.5 (voltage)									

+V: Encoder power supply =V DC 0 V: Encoder power supply ground GND (p V) +U /-U: Voltage + / voltage -+E /-I: Current + / current -