



# KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3668R, MAGNETIC, CANOPEN, Ø36 MM

SERIE M3668R

- Housing diameter Ø36 mm
- CANopen
- Up to IP69K
- Stainless steel



## PRODUCT DESCRIPTION

Sendix M3668R is a magnetically encoded absolute encoder with the latest in multi-field technology with "Energy Harvesting". Energy Harvesting technology is based on magnetic recharging, eliminating both battery and gear.

In addition to multi-color technology, the M3668R has been equipped with extra strong ball bearings and secure attachments, also known as "Safety-Lockplus™".

A unique multifarve pulse sensor with high IP classifications: IP66, IP67 and IP69K, available in stainless steel (V4A).

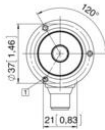
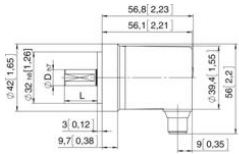
Please refer to the image below for ordering information.

<b>Order code</b>	<b>8.M3668R</b>	<b>XX2X.2122</b>
<b>Shaft version</b>	Type	a b c d e
<b>a</b> Version	<b>1 = standard</b> <sup>1)</sup>	<b>c</b> Interface / power supply
	clamping flange ø 42 mm [1.65"]	<b>2 = CANopen DS301 V4.2 / 10 ... 30 V DC</b>
	7 = stainless steel V4A <sup>2)</sup>	<b>d</b> Type of connection
	clamping flange ø 42 mm [1.65"]	2 = radial cable, 1 m [3.28'] PVC
	all metal parts accessible from outside	B = radial cable, special length PVC *)
	are out of stainless steel V4A	<b>4 = radial M12 connector, 5-pin</b>
<b>b</b> Shaft (ø x L), with flat	1 = ø 6 x 12.5 mm [0.24 x 0.49"]	<b>e</b> Fieldbus profile
	<b>3 = ø 8 x 15 mm [0.32 x 0.59"]</b>	<b>21 = CANopen</b>
	5 = ø 10 x 20 mm [0.39 x 0.79"]	
	2 = ø 1/4" x 12.5 mm [0.49"]	<i>Optional on request</i>
	E = ø 10 x 20 mm [0.39 x 0.79"], stainless steel V4A	- Ex 2/22 (only for connection type 4)
		- other shaft diameters out of V4A stainless steel
		<b>*) Available special lengths (connection type B):</b>
		2, 3, 5, 8, 10, 15 m [5.56, 9.84, 16.40, 26.25, 32.80, 49.21']
		order code expansion .XXXX = length in dm
		ex.: 8.M3668.132B.2122.0030 (for cable length 3 m)

## TECHNICAL DATA

<b>Connection</b>	Cable, M12
<b>Housing diameter</b>	36 mm
<b>IP class</b>	IP66, IP67, IP69K
<b>Mounting</b>	Shoulder
<b>Output</b>	CANopen
<b>Resolution MT</b>	Max. 24 bit

<b>Sensor type</b>	Absolute
<b>Shaft diameter max</b>	10 mm
<b>Shaft diameter min</b>	6 mm
<b>Supply voltage dc max</b>	30 V DC
<b>Supply voltage dc min</b>	10 V DC
<b>Temperature operational max</b>	85 °C
<b>Temperature operational min</b>	-40 °C
<b>Version</b>	Multiturn



Interface	Type of connection	Cable (Isolate contact areas individually before initial start-up)					
2	2-B	Signal	-V	0V	CAN_GND	CAN_H	CAN_L
		Cable colour	BN	WH	GY	GN	YE

Top view of mating side, male contact base



M12 connector, 5-pin

Interface	Type of connection	M12 connector, 5-pin					
2	4	Signal	-V	0V	CAN_GND	CAN_H	CAN_L
		Pin	2	3	1	4	5