

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).

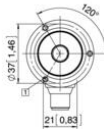
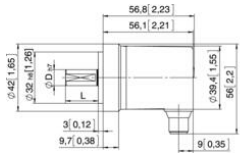
Please refer to the image below for ordering information.

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

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

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



Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
2	2-B	Signal	-V	0 V	CAN_GND	CAN_H	CAN_L
		Cable colour:	BN	WH	GY	GN	YE

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

Top view of mating side, male contact base



M12 connector, 5-pin

Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)					
2	2-B	Signal	-V	0 V	CAN_GND	CAN_H	CAN_L
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M12 connector, 5-pin