

# KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3668 / M3688, MAGNETIC, CANOPEN, Ø36 MM SERIE M3668

- Housing diameter Ø36 mm
- CANopen
- New multicolor technology
- IP67



## PRODUCT DESCRIPTION

Please refer to the images below for ordering information.

<b>Order code</b>	<b>8.M3668</b>	<b>.XX2X</b>	<b>.2122</b>
<b>Shaft version</b>	Type	a b c d	e

**a Flange**  
 1 = clamping flange, IP67, ø 36 mm [1.42"]  
 3 = clamping flange, IP65, ø 36 mm [1.42"]  
 2 = synchro flange, IP67, ø 36 mm [1.42"]  
**4 = synchro flange, IP65, ø 36 mm [1.42"]**

**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"]

**c Interface / power supply**  
**2 = CANopen DS301 V4.2 / 10 ... 30 V DC**

**d Type of connection**  
 1 = axial cable, 1 m [3.28'] PVC  
 A = axial cable, special length PVC \*)  
 2 = radial cable, 1 m [3.28'] PVC  
 B = radial cable, special length PVC \*)  
 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 [5.56, 9.84, 16.40, 26.25, 32.80, 49.21']  
 order code expansion .XXXX = length in dm  
 ex.: 8.M3668.432A.2122.0030 (for cable length 3 m)

**e Fieldbus profile**  
**21 = CANopen**

*Optional on request*  
 - Ex 2/22 (only for connection types 3 and 4)  
 - surface protection salt spray tested

<b>Order code</b>	<b>8.M3688</b>	<b>.XX2X</b>	<b>.2122</b>
<b>Hollow shaft</b>	Type	a b c d	e

**a Flange**  
**2 = with stator coupling, IP65, ø 46 mm [1.81"]**  
 3 = with spring element, long, IP65  
 5 = with stator coupling, IP67, ø 46 mm [1.81"]  
 6 = with spring element, long, IP67

**b Blind hollow shaft**  
*(insertion depth max. 18.5 mm [0.73"])*  
 1 = ø 6 mm [0.24"]  
 3 = ø 8 mm [0.32"]  
**4 = ø 10 mm [0.39"]**  
 2 = ø 1/4"

**c Interface / power supply**  
**2 = CANopen DS301 V4.2 / 10 ... 30 V DC**

**d Type of connection**  
 1 = axial cable, 1 m [3.28'] PVC  
 A = axial cable, special length PVC \*)  
 2 = radial cable, 1 m [3.28'] PVC  
 B = radial cable, special length PVC \*)  
 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 [5.56, 9.84, 16.40, 26.25, 32.80, 49.21']  
 order code expansion .XXXX = length in dm  
 ex.: 8.M3688.242A.2122.0030 (for cable length 3 m)

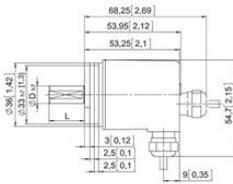
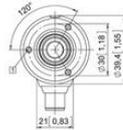
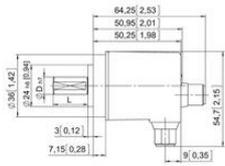
**e Fieldbus profile**  
**21 = CANopen**

*Optional on request*  
 - Ex 2/22 (only for connection types 3 and 4)  
 - surface protection salt spray tested

## SPECIFICATIONS

Housing diameter	36
IP Class	IP65, IP67
Resolution More Yards	24 bit

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



Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)
2	1, 2, A, B	Signal: +V, 0 V, CAN_GND, CAN_H, CAN_L Cable colour: BN, WH, GY, GN, YE
2	3, 4	Signal: +V, 0 V, CAN_GND, CAN_H, CAN_L Pin: 2, 3, 1, 4, 5



Interface	Type of connection	Cable (isolate unused wires individually before initial start-up)
2	1, 2, A, B	Signal: +V, 0 V, CAN_GND, CAN_H, CAN_L Cable colour: BN, WH, GY, GN, YE
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