

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.

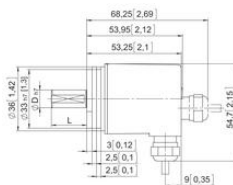
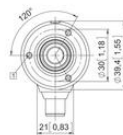
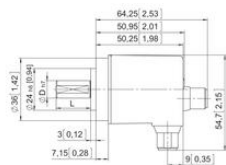
Order code	8.M3668	.XX2X.	21	22
Shaft version	Type	a b c d e		
a Flange		c Interface / power supply	e Fieldbus profile	
1 = clamping flange, IP67, ø 36 mm [1.42"]		2 = CANopen DS301 V4.2 / 10 ... 30 V DC	21 = CANopen	
3 = clamping flange, IP65, ø 36 mm [1.42"]				
2 = synchro flange, IP67, ø 36 mm [1.42"]		d Type of connection		Optional on request
4 = synchro flange, IP65, ø 36 mm [1.42"]		1 = axial cable, 1 m [3.28'] PVC		- Ex 2/22 (only for connection types 3 and 4)
		A = axial cable, special length PVC *)		- surface protection salt spray tested
b Shaft (ø x L), with flat		2 = radial cable, 1 m [3.28'] PVC		
1 = ø 6 x 12.5 mm [0.24 x 0.49"]		B = radial cable, special length PVC *)		
3 = ø 8 x 15 mm [0.32 x 0.59"]		3 = axial M12 connector, 5-pin		
5 = ø 10 x 20 mm [0.39 x 0.79"]		4 = radial M12 connector, 5-pin		
2 = ø 1/4" x 12.5 mm [0.49"]		*) 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)		

Order code	8.M3688	.XX2X.	21	22
Hollow shaft	Type	a b c d e		
a Flange		c Interface / power supply	e Fieldbus profile	
2 = with stator coupling, IP65, ø 46 mm [1.81"]		2 = CANopen DS301 V4.2 / 10 ... 30 V DC	21 = CANopen	
3 = with spring element, long, IP65				
5 = with stator coupling, IP67, ø 46 mm [1.81"]		d Type of connection		Optional on request
6 = with spring element, long, IP67		1 = axial cable, 1 m [3.28'] PVC		- Ex 2/22 (only for connection types 3 and 4)
		A = axial cable, special length PVC *)		- surface protection salt spray tested
b Blind hollow shaft		2 = radial cable, 1 m [3.28'] PVC		
(insertion depth max. 18.5 mm [0.73"])		B = radial cable, special length PVC *)		
1 = ø 6 mm [0.24"]		3 = axial M12 connector, 5-pin		
3 = ø 8 mm [0.32"]		4 = radial M12 connector, 5-pin		
4 = ø 10 mm [0.39"]		*) Available special lengths (connection types A, B):		
2 = ø 1/4"		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)		

TECHNICAL DATA

Connection	Cable, M12
Housing diameter	36 mm

IP class	IP65, IP67
Mounting	Shoulder
Output	CANopen
Resolution MT	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	1, 2, A, 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	3, 4	Signal	V+	0 V	CAN_GND	CAN_H	CAN_L
		Pin	2	3	1	4	5

