

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX F3668 / F3688, OPTICAL, CANOPEN, Ø36 MM SERIE F3688

- Housing diameter Ø36 mm
- CANOpen
- Safety-Lock™
- Up to 16 + 16 bit resolution



PRODUCT DESCRIPTION

The Sendix F3668 / F3688 is a series of multivalved optical axes with CANOpen interface and a resolution of up to 16 + 16 bits despite its compact size of 36x42 mm. The sensor also has high enclosure class, shock resistance and a wide temperature range. The sensor is therefore very suitable for applications where extreme environments or temperatures can occur, such as mobile applications. The sensor is supplied with a tangential cable, which means that there is no exposed cable input on the sensor, but it is embedded in the housing itself to increase impact on impact and impact. The Sendix F3668 / F3688 is also available in a salt water resistant version.

Please refer to the images below for ordering information.

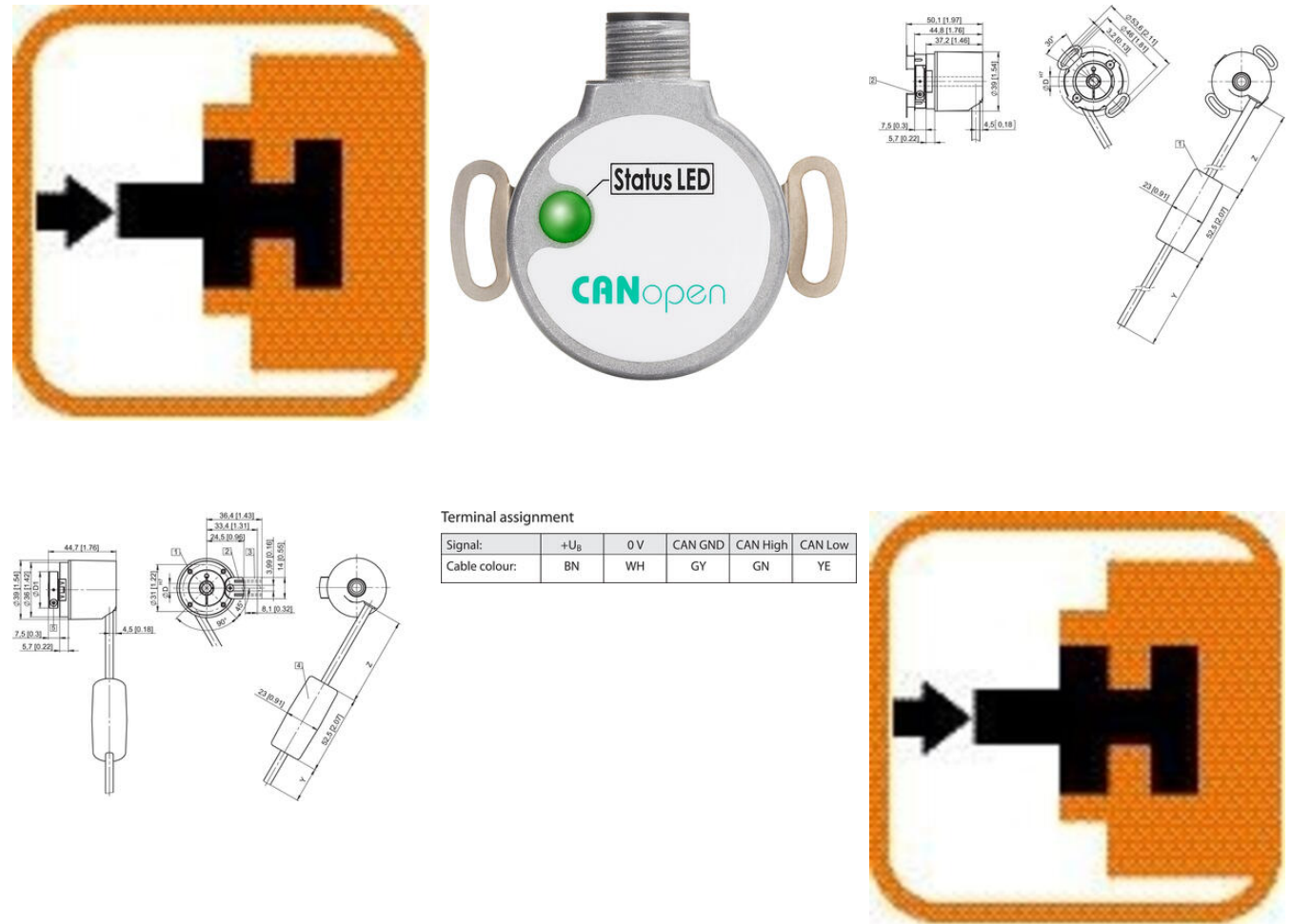
Order code	8.F3668	.XX2X.	21	22
Shaft version	Type	a b c d e		
a Flange		b Shaft (ø x L), with flat	c Interface / power supply	Optional on request
1 = clamping flange, IP67, ø 36 mm [1.42"]		1 = ø 6 x 12.5 mm [0.24 x 0.49"]	2 = CANopen DS301 V4.02 / 10 ... 30 V DC	- surface protection
3 = clamping flange, IP65, ø 36 mm [1.42"]		3 = ø 8 x 15 mm [0.32 x 0.49"]		salt spray tested
2 = synchro flange, IP67, ø 36 mm [1.42"]		5 = ø 10 x 20 mm [0.39 x 0.79"]	d Type of connection	
4 = synchro flange, IP65, ø 36 mm [1.42"]		2 = ø 1/4" x 12.5 mm [0.49"]	1 = tangential cable, 1 m [3.28'] PUR	
		4 = ø 3/8" x 5/8"	3 = tangential cable, 5 m [16.40'] PUR	
			U = tangential cable, 10 m [32.81'] PUR	
			e Fieldbus profile	
			21 = CANopen	

Order code	8.F3688	.XX2X.	21	22
Hollow shaft	Type	a b c d e		
a Flange		b Blind hollow shaft	c Interface / power supply	Optional on request
1 = with spring element, short, IP65		(insertion depth	2 = CANopen DS301 V4.02 / 10 ... 30 V DC	- surface protection
3 = with spring element, long, IP65		max. 14.5 mm [0.57"])		salt spray tested
2 = with stator coupling, IP65, ø 46 mm [1.81"]		5 = ø 6 mm [0.24"]	d Type of connection	
		7 = ø 8 mm [0.32"]	1 = tangential cable, 1 m [3.28'] PUR	
		4 = ø 10 mm [0.39"]	3 = tangential cable, 5 m [16.40'] PUR	
		6 = ø 1/4"	U = tangential cable, 10 m [32.81'] PUR	
			e Fieldbus profile	
			21 = CANopen	

TECHNICAL DATA

Connection	Cable
Housing diameter	36 mm

IP class	IP65
Mounting	Hollow shaft
Output	CANopen
Resolution	16+16 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





Terminal assignment

Signal:	+U _B	0 V	CAN GND	CAN High	CAN Low
Cable colour:	BN	WH	GY	GN	YE