

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX M3658 / M3678, MAGNET-CODED, CANOPEN, Ø36 MM

SERIE M3658



- Housing diameter Ø36 mm
- CANopen
- Safety-Lockplus™
- IP67/IP69K

PRODUCT DESCRIPTION

Sendix M3658 / M3678 is a series of single-core magnet-encoded axial outputs with CANopen interface and a resolution of up to 14 bits. Thanks to the contactless technology, the sensor is very compact and robust. As this technique allows for complete encapsulation of the sensor part on the sensor, a high enclosure class, shock resistance and a wide temperature range can be achieved. The sensor is therefore very suitable for applications where extreme environments or temperatures can occur, such as mobile applications. It comes with either M12 or PUR cable as standard. Sendix M3658 / M3678 is also available in a salt water resistant version.

Please refer to the images below for ordering information.

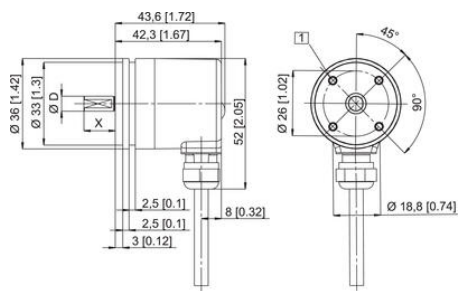
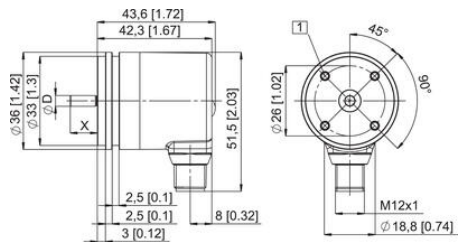
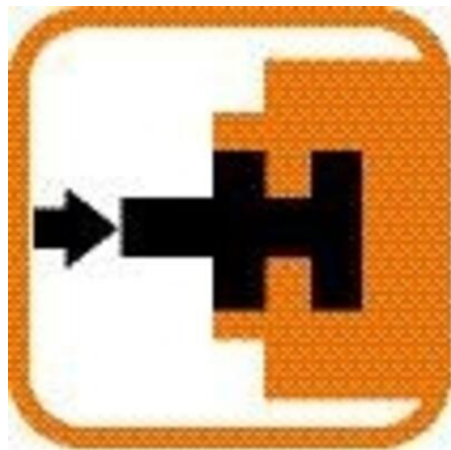
Order code shaft version	8.M3658 Type	2 a	X b	C c	X d	21 e	1 f	X g
a Flange	2 = synchro flange, ø 36 mm [1.42"]	d Type of connection	2 = radial cable, 1 m [3.28] PUR B = radial cable, special length PUR *)		e Fieldbus profile	21 = CANopen		
b Shaft (ø x L), with flat	3 = ø 6 x 12.5 mm [0.24 x 0.49"] 6 = ø 8 x 12.5 mm [0.32 x 0.49"] 5 = ø 1/4" x 12.5 mm [0.49"]	f Protection	4 = radial M12 connector, 5-pin		1 = IP67 2 = IP69k			
c Interface / power supply	C = CANopen DS301 V4.02 / 8 ... 30 V DC	*) Available special lengths (connection types B): 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] order code expansion .XXXX = length in dm ex.: 8.M3658.23CB.2111.0030 (for cable length 3 m)		Optional on request - Ex 2/22 (only for type of connection 4) - surface protection salt spray tested				

Order code hollow shaft	8.M3678 Type	X a	X b	C c	X d	21 e	1 f	X g
a Flange	2 = with spring element, long 5 = with stator coupling, ø 46 mm [1.81"]	d Type of connection	2 = radial cable, 1 m [3.28] PUR B = radial cable, special length PUR *)		e Fieldbus profile	21 = CANopen		
b Blind hollow shaft (insertion depth max. 18 mm [0.71"])	2 = ø 6 mm [0.24"] 4 = ø 8 mm [0.32"] 6 = ø 10 mm [0.39"] 3 = ø 1/4"	f Protection	4 = radial M12 connector, 5-pin		1 = IP67 2 = IP69k			
c Interface / power supply	C = CANopen DS301 V4.02 / 8 ... 30 V DC	*) Available special lengths (connection type B): 2, 3, 5, 8, 10, 15 m [6.56, 9.84, 16.40, 26.25, 32.80, 49.21'] order code expansion .XXXX = length in dm ex.: 8.M3678.52CB.2111.0030 (for cable length 3 m)		Optional on request - Ex 2/22 (only for type of connection 4) - surface protection salt spray tested				

TECHNICAL DATA

Connection	Cable, M12
------------	------------

Housing diameter	36 mm
IP class	IP67, IP69K
Mounting	Shoulder
Output	CANopen
Sensor type	Absolute
Shaft diameter max	8 mm
Shaft diameter min	6 mm
Supply voltage dc max	30 V DC
Supply voltage dc min	8 V DC
Temperature operational max	85 °C
Temperature operational min	-40 °C
Version	Singleturn



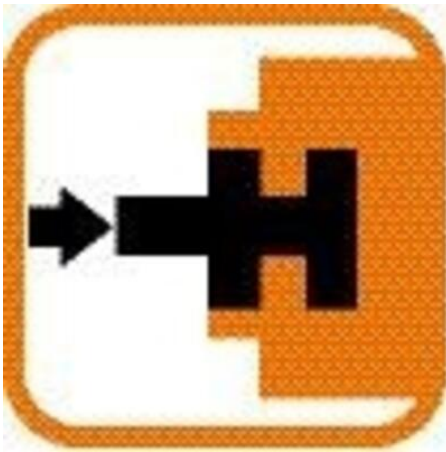
Interface	Type of connector	Cable isolate	wires	individually	before	initial	start-up					
C	2, B	+V	0 V	CAN_GND	CAN_H	CAN_L						
		BN	WH	GY	GN	YE						

Top view of mating side, male contact base



M12 connector, 5 pin





Interface	Type of connector	Cable (isolate unused wires individually before initial plug test)					
C	2, B	+V	0 V	CAN_GND	CAN_H	CAN_L	
		Signal					
		Cable colour	BN	WH	GY	GN	YE

Interface	Type of connector	M12 connector, 5-pin					
C	4	+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