OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

KUEBLER - ABSOLUTE-CODED ANGULAR TRANSMITTER SENDIX F3658 / F3678, OPTICAL, CANOPEN, Ø36 MM

SERIE F3658



- Housing diameter Ø36 mm
- CANopen - Interface
- 16 bit resolution
- -40 to +85 ° C working temperature

PRODUCT DESCRIPTION

Sendix F3658 / F3678 is a series of single-angle optical axes and hole axes with CANopen interface and a resolution of up to 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 F3678 / F3678 is also available in a salt water resistant version.

Please refer to the images below for ordering information.

Order code Shaft version — 8.F3658 . X X 2 X . 21 1 2 (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 0.49"]
5 = ø 10 x 20 mm [0.39 x 0.79"]
2 = ø 1/4" x 12.5 mm [0.49"]
4 = ø 3/8" x 5/8"

c *Interface / power supply*
2 = CANopen DS301 V4.02 / 10 ... 30 V DC

d *Type of connection*
1 = tangential cable, 1 m [3.28'] PUR
3 = tangential cable, 5 m [16.40'] PUR
F = tangential cable, special length PUR *)
*) Available special lengths (connection type F):
2, 3, 8, 10, 15 m [6.56, 9.84, 26.25, 32.80, 49.21']
order code expansion .XXXX = length in dm
ex.: 8.F3658.432F.2112.0030 (for cable length 3 m)

e *Fieldbus profile*
21 = CANopen

Optional on request
- surface protection
salt spray tested

Order code Hollow shaft — 8.F3678 . X X 2 X . 21 1 2 (Type; a b c d; e)

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

b *Blind hollow shaft*
(insertion depth max. 14.5 mm [0.57"])
5 = ø 6 mm [0.24"]
7 = ø 8 mm [0.32"]
4 = ø 10 mm [0.39"]
6 = ø 1/4"

c *Interface / power supply*
2 = CANopen DS301 V4.02 / 10 ... 30 V DC

d *Type of connection*
1 = tangential cable, 1 m [3.28'] PUR
3 = tangential cable, 5 m [16.40'] PUR
F = tangential cable, special length PUR *)
*) Available special lengths (connection type F):
2, 3, 8, 10, 15 m [6.56, 9.84, 26.25, 32.80, 49.21']
order code expansion .XXXX = length in dm
ex.: 8.F3678.242F.2112.0030 (for cable length 3 m)

e *Fieldbus profile*
21 = CANopen

Optional on request
- surface protection
salt spray tested

;

TECHNICAL DATA

Connection	Cable
Housing diameter	36 mm

IP class	IP65, IP67
Mounting	Shoulder
Output	CANopen
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	Singleturn











