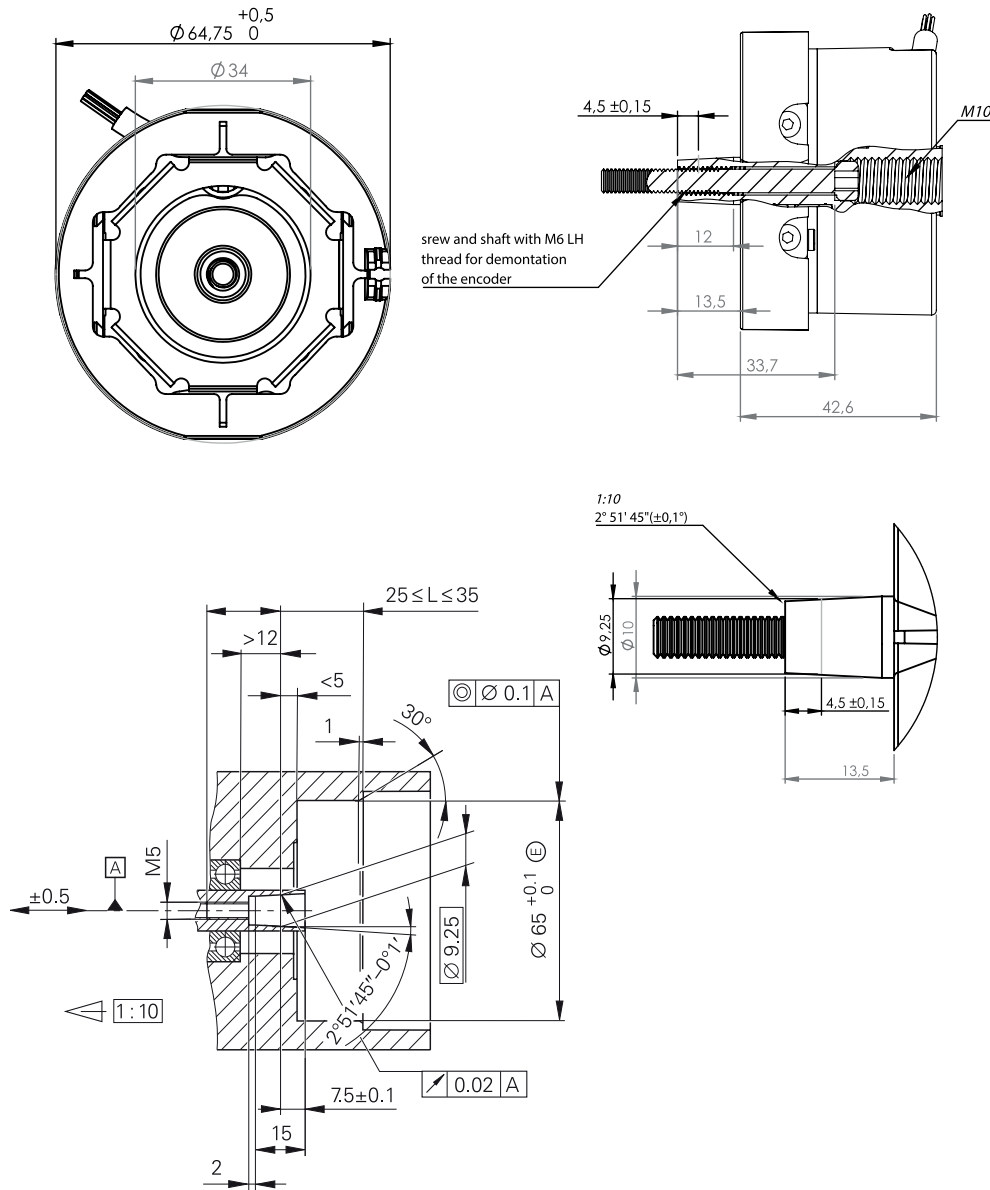


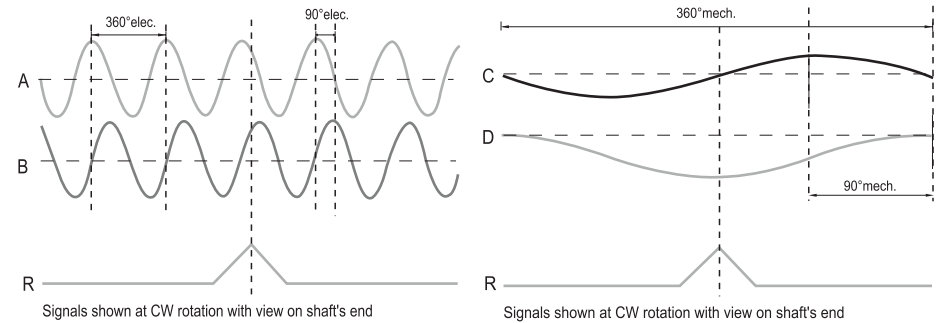
Mechanic Dimensions



Features

- Compact robust motor integration
- 1Vpp / 1PPR accurate position information
- 2048 PPR sin cosine accurate speed information
- Installation diameter 65mm
- 1:10 taper shaft
- IP67 protection class

Pulse Diagram



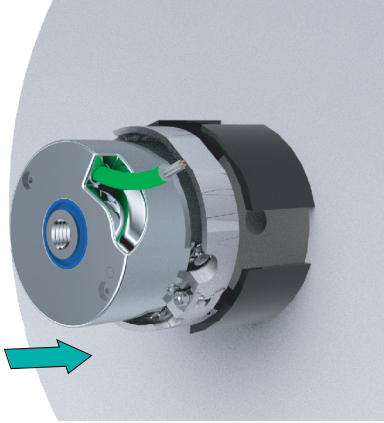
Cable / Connector Wiring

Function	FNC SC2048 R7 (Direct 7 meter cable)	FNC SC2048 R03-2D15	FNC SC2048 R7-3D15	FNC SC2048 R03-3D15
+VB	Brown	Kahverengi	pin 9	pin 9
GND	White	Beyaz	pin 11	pin 7
A	Green	Yeşil	pin 1	pin 5
A'	Green-Black	Yeşil-Siyah	pin 2	pin 6
B	Yellow	Sarı	pin 3	pin 8
B'	Yellow-Black	Sarı-Siyah	pin 4	pin 1
C	Blue	Mavi	pin 5	pin 10
C'	Blue-Black	Mavi-Siyah	pin 6	pin 11
D	Orange	Turuncu	pin 7	pin 12
D'	Orange-Black	Turuncu-Siyah	pin 8	pin 13
Z	Gray	Gri	pin 12	pin 3
Z'	Gray-Black	Gri-Siyah	pin 13	pin 4
Shield	Connected to housing		 2 row, 15 pin dsdb	 3 row, 15 pin dsdb

Montage Steps

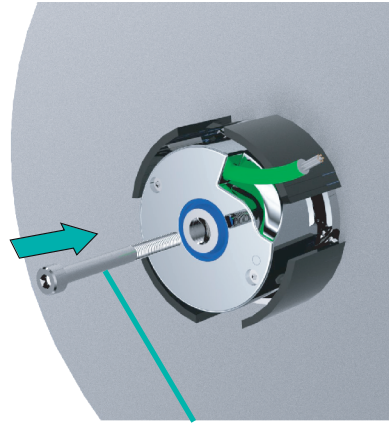
1

Place the encoder to the motor taper shaft.



2

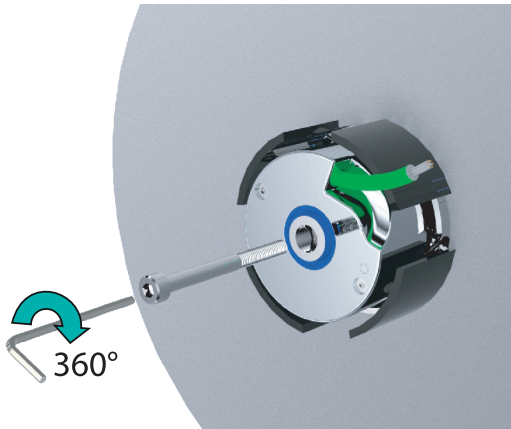
Insert M5 screw to fix the encoder.



M5*50 IMBUS

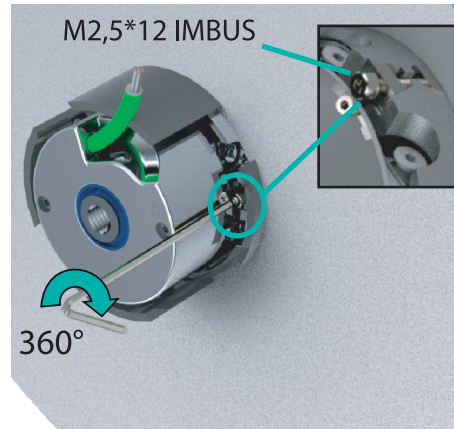
3

Use the allen key to turn M5 screw.



4

Use the allen key to fix M2,5 screw in the encoder ring.



M2,5*12 IMBUS

TR



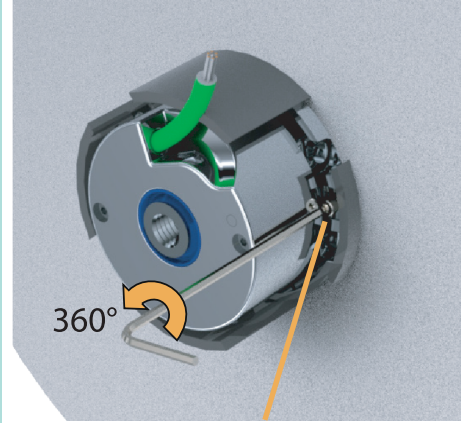
ENG



Demontage Steps

1

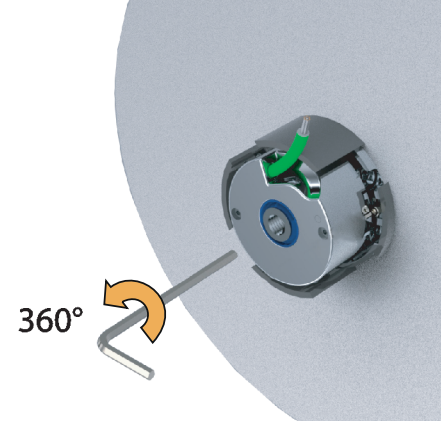
Turn the M2,5*12 screw 360° to loosen the encoder spring



M2,5*12 IMBUS

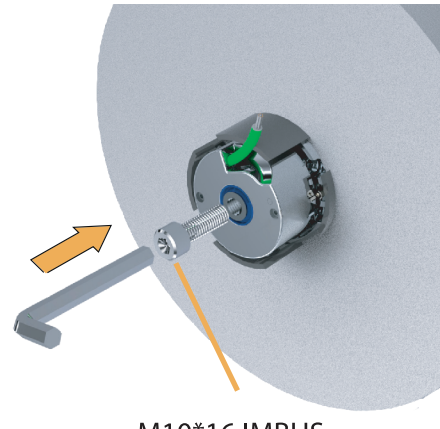
2

Turn allen key 360° to loosen M5 screw.



3

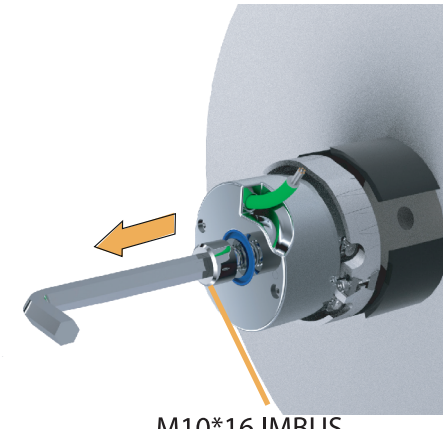
Place M10 screw to taper shaft. M5*50 imbus screw stays inside of the shaft.



M10*16 IMBUS

4

Turn the M10 screw only far enough in to release the M5 screw.



M10*16 IMBUS

TR



ENG

