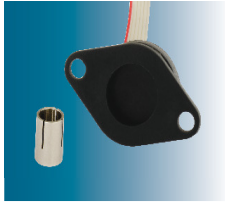


No Shaft Flange : SSI Rotary Position Sensor

RotaCol® No Shaft Flange contactless rotary position sensors are available in 22, 25, 28 & 30 mm Ø housing diameter. There are two types of mounting flanges : with round hole and with oblong holes. As there is no shaft, no wear hence these are long life sensors. Magnet holders of different shaft diameters 6mm, 8mm, 1/4" and 1/8" can be provided on request. It has no bearings. Magnet can be glued on user shaft. With the SSI interface the absolute angular position is provided serially and synchronous to a receiving electronic which has an input (PLC indicator etc.). The actual angular position is provided in 2 byte WORD Grey code with 12 bit over 360°. The receiving electronic provides pulse sequences and thus determines the transmission rate. Output signals of 5V SSI, 24V SSI are available.

22Y ERCK

No Shaft Flange : 22mm Ø *Ecoline* SSI Rotary Position Sensor



Magnet holder
Interconnection : flat cable

Link for Datasheet :
www.rotacol.info/22yerck.pdf

- 22mm Ø plastic housing
- Contactless Hall effect technology
- Magnet on user shaft
- No bearings
- Blind hole diameter : 13mm Ø
- No wear, long life
- Interconnection :
6 core flat cable 0.15 mtr long

Type	22Y ERCK
Electrical angle	0 - 360°
Supply voltage	5V±10% / 9-30 VDC
Output signal	5V / 24V SSI
Resolution	4096 steps (12 bit)
Elec. speed (max)	1600 rpm

28Y ERCK

No Shaft Flange : 28mm Ø *Ecoline* SSI Rotary Position Sensor



Magnet holder
Interconnection : flat cable

Link for Datasheet :
www.rotacol.info/28yerck.pdf

- 28mm Ø plastic housing
- Contactless Hall effect technology
- Magnet on user shaft
- No bearings
- Blind hole diameter : 19mm Ø
- No wear, long life
- Interconnection :
6 core flat cable 0.15 mtr long

Type	28Y ERCK
Electrical angle	0 - 360°
Supply voltage	5V±10% / 9-30 VDC
Output signal	5V / 24V SSI
Resolution	4096 steps (12 bit)
Elec. speed (max)	1600 rpm

25Y RSK

No Shaft Flange : 25mm Ø *RS Speed Connect* SSI Rotary Position Sensor



Magnet holder
Interconnection : terminal block

Link for Datasheet :
www.rotacol.info/25yrsk.pdf

- 25mm Ø plastic housing
- Contactless Hall effect technology
- Magnet on user shaft
- No bearings
- Blind hole diameter : 13mm Ø
- No wear, long life
- Interconnection : cable gland (OCG),
miniature connector (OCM),
terminal block axial (OCTA) / radial (OCTR)

Type	25Y RSK
Electrical angle	0 - 360°
Supply voltage	5V±10% / 9-30 VDC
Output signal	5V / 24V SSI
Resolution	4096 steps (12 bit)
Elec. speed (max)	1600 rpm

30Y RSK

No Shaft Flange : 30mm Ø *RS Speed Connect* SSI Rotary Position Sensor



Interconnection - Cable gland

Link for Datasheet :
www.rotacol.info/30yrsk.pdf

- 30mm Ø plastic housing
- Contactless Hall effect technology
- Magnet on user shaft
- No bearings
- Blind hole diameter : 19mm Ø
- No wear, long life
- Interconnection : cable gland (OCG), miniature connector (OCM), terminal block axial (OCTA) / radial (OCTR)

Type **30Y RSK**

Electrical angle	0 - 360°
Supply voltage	5V±10% / 9-30 VDC
Output signal	5V / 24V SSI
Resolution	4096 steps (12 bit)
Elec. speed (max)	1600 rpm

50Y DRCH

No Shaft Flange : 50mm Ø *Diamondline* SSI Rotary Position Sensor



Interconnection : 2.5 mtr round cable with rubbergrommet

Link for Datasheet :
www.rotacol.info/50ydrch.pdf

- 50mm Ø metal housing
- Two ball bearings
- Clamping flange with 2 mounting screws
- Mounting flange (optional)
- 360° Mechanical & electrical angle
- Can accommodate 8mm Ø shaft diameter
- Heavy duty applications
- Interconnection : 6 core round cable 2.5 mtr long with rubbergrommet

Type **50Y DRCH**

Electrical angle	0 - 360°
Supply voltage	5V±10% / 9-30 VDC
Output signal	5V / 24V SSI
Resolution	4096 steps (12 bit)
Mech.speed (max)	5000 rpm
Elec.speed (max)	1600 rpm
Life (rotations)	~ 75 million