

FNC F229K Series



Features

- Designed for motor feedback applications
- Both A, B, Z incremental and A', B', Z' commutation signals
- Differential RS 422 incremental output signals.
- Non-contact magnetic technology
- 22 mm diameter body

Technical data - electrical ratings

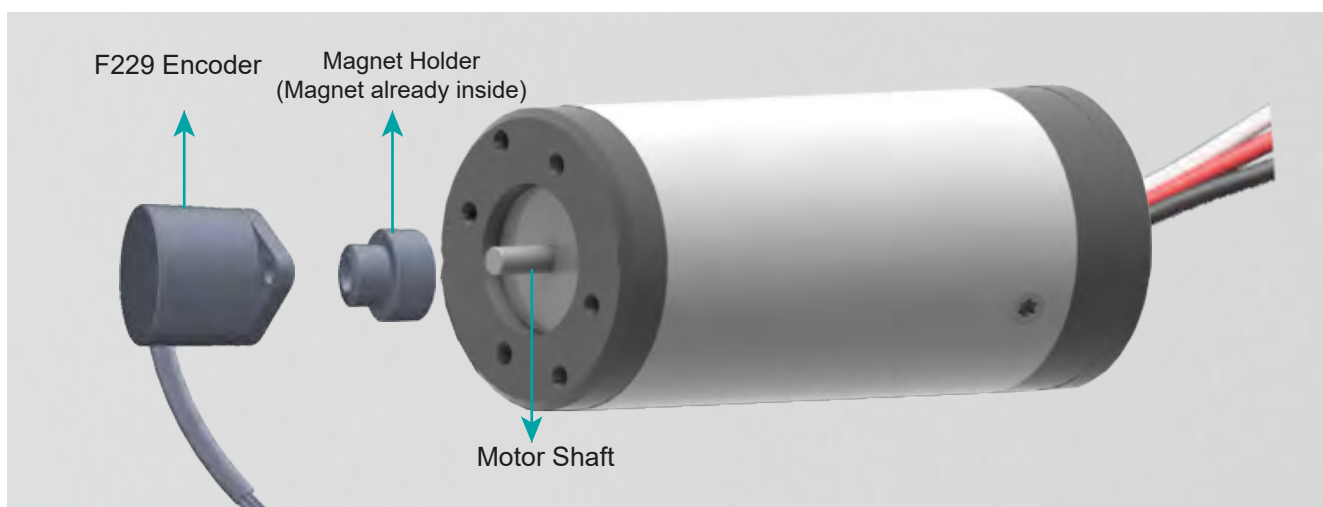
Voltage supply	5 - 30 VDC
Interface	ABZ ; Line Driver RS422 UVW ; (±24 mA output drive)
Resolution (steps/turn) :	up to 4096 CPR
Commutatiton Signals :	up to 16 pole

Technical data - mechanical design

Dimensions	ø22 mm
Mount Diameter	26 mm
Materials	Housing: Aluminium Cover: Aluminium
Magnet actuator	for integration into 3 mm shaft

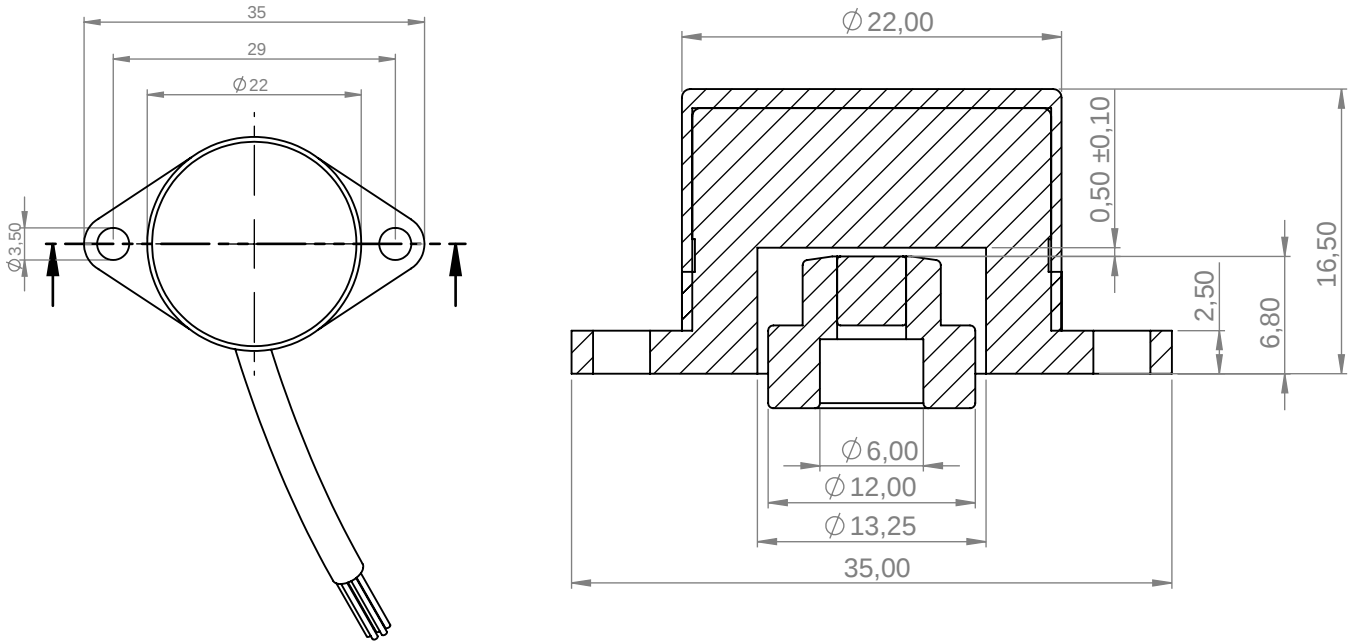
Installation Guide

Montage



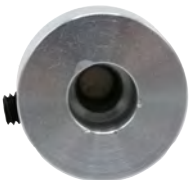
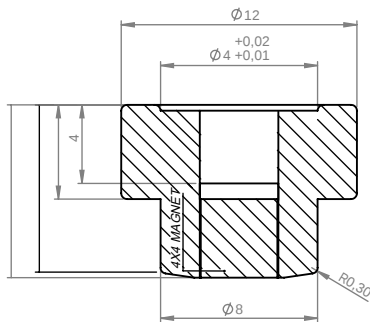
FNC F229K Series

Mechanical Dimensions

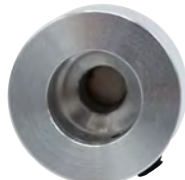
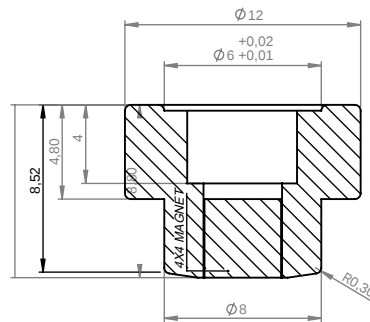


Magnetic Part Number

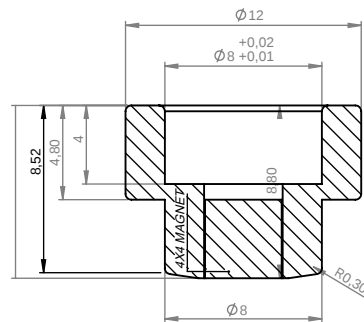
F229MH124



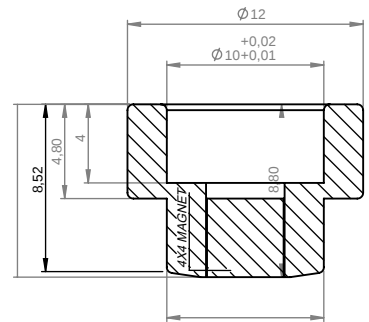
F229MH126



F229MH128

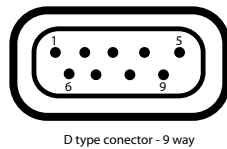


F229MH1210

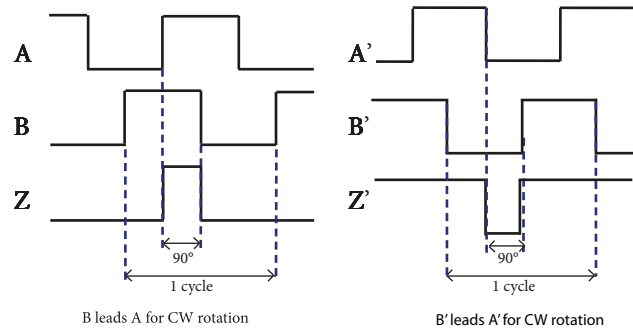


DSUB9 Connection

Pin Nr.	RM lx Function
1	Shield
2	Z+
3	B+
4	A+
5	V _{ref}
6	Z-
7	B-
8	A-
9	GND



A,B,Z and A', B', Z' Incremental Signals



Encoder Part Number

Incremental Version

F **229** **K** **1024** **30V** — **R2DS9**

Housing

229: 22 mm body diameter,
29 mm montage holes
diameter

Montage Type

K : Ear type

Supply Voltage and Output Circuit

5V : 5V in / out
30V : 5-30V in / out

Resolution

up to 4096 ppr

R2DS9 :

2 - meter cable with a 9-pin DSUB
socket at the end.

Magnet Holder

F	229	MH	124
F	229	MH	126
F	229	MH	128
F	229	MH	1210