FEATURES

- Incremental or absolute
- Response 100KHz
- Phase A, AB, ABZ optional
- Open collector, voltage, Line driver, Push-Pull
- High stability

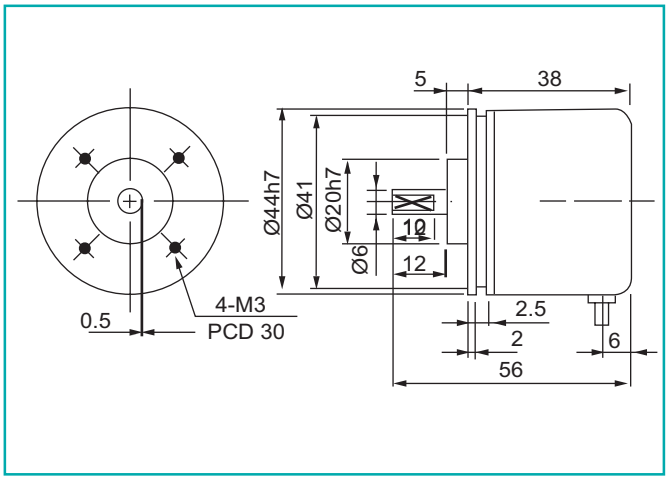
1. MODEL: PFS - RE - ■ ■ - ■ - ■

Pulse per revolution	NO	Output Phase	NO	Output type	NO	Excitation Power
40, 50, 60, 100, 150	1	A	LL	Line driver 5VDC	1	5VDC
200, 250, 300, 360, 400	2	AB	HL	Line drive 8-26VDC	2	8~26VDC
500, 600, 800, 1000	3	ABZ	OC	Open-collector		60mA
1024, 1200, 2000	4	AB+Z (high phase)	PP	Push-Pull		
2048			VT	Voltage		

2. Specification

- Pulse /Revolution : 40, 50, 60, 100, 150, 200, 250, 300, 360, 400, 500, 600, 800, 1000, 1024, 1200, 2000, 2048
- Output phase : A, AB. ABZ
- Excitation : 8~26VDC, 5V optional
- Current consumption : 60mA
- Frequency response : 50~100KHz
- Output wave form : Square wave
- Wave Form rise/fall : 2μS,
- Output mode : Voltage, Open collector, Push-Pull, Line Driver
- Operating condition : 0~55ºC (20~90%RH non-condensed)
- Storage condition : 0~70ºC (20~90%RH non-condensed)
- Enclosure : IP 50 Dust proof
- Shaft diameter : 8mm
- Shaft Loading : Axial 3Kg, Radial : 5 Kg ≤400RPM
  Axial 1Kg, Radial : 2 Kg >400RPM
- Starting torque at 25° : 40gf-cm or less
- Max. speed : 6000RPM
- Shock : 20g per 11mS
- Polarity protection : Reverse protection (not with 5V)
- Cable : 4.5Ø, 50cm long
- Weight: : Abt 200g

3. Dimension



4. Wiring Diagram

NORMAL			LINE DRIVER		
Color of wire	(pin)	Function	Color of wire	(pin)	Function
Red	1A	+ V	Red	1A	+ V
Black	2B	0V Common	Black	2B	0V Common
White	3C	CH A	Blue	3C	CH A
Green	4D	CH B	Green	4D	CH B
Yellow	5EZ	CH Z	Yellow	5E	CH Z
Shield	-	NC	Violet	6F	$\overline{A}$ CH A (reverse)
			Orange	7G	$\overline{B}$ CH B (reverse)
			Brown	8H	$\overline{Z}$ CH Z (reverse)
			Shield	-	NC