

FNC F229K SC Series



Features

- Designed for motor feedback applications
- One period sincos signals
- Differential 4 Vpp signals
- Non-contact magnetic technology
- 22 mm diameter body

Technical data - electrical ratings

Voltage supply	5VDC ± %5
Interface	4 Vpp Sine and cosine
Resolution (steps/turn) :	One per revolution

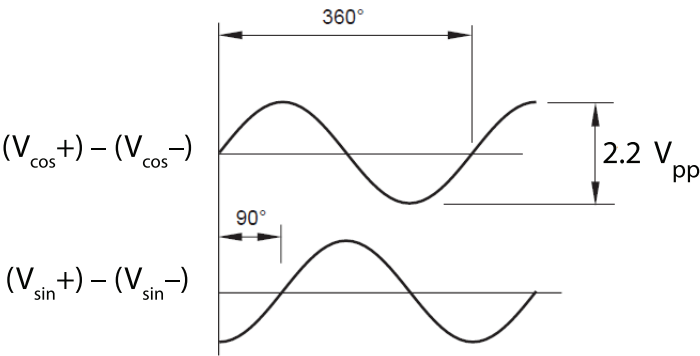
Technical data - mechanical design

Dimensions	ø22 mm
Mount Diameter	29 mm
Materials	Housing: Aluminium Cover: Aluminium
Magnet actuator	for integration into 6 mm shaft

Connection

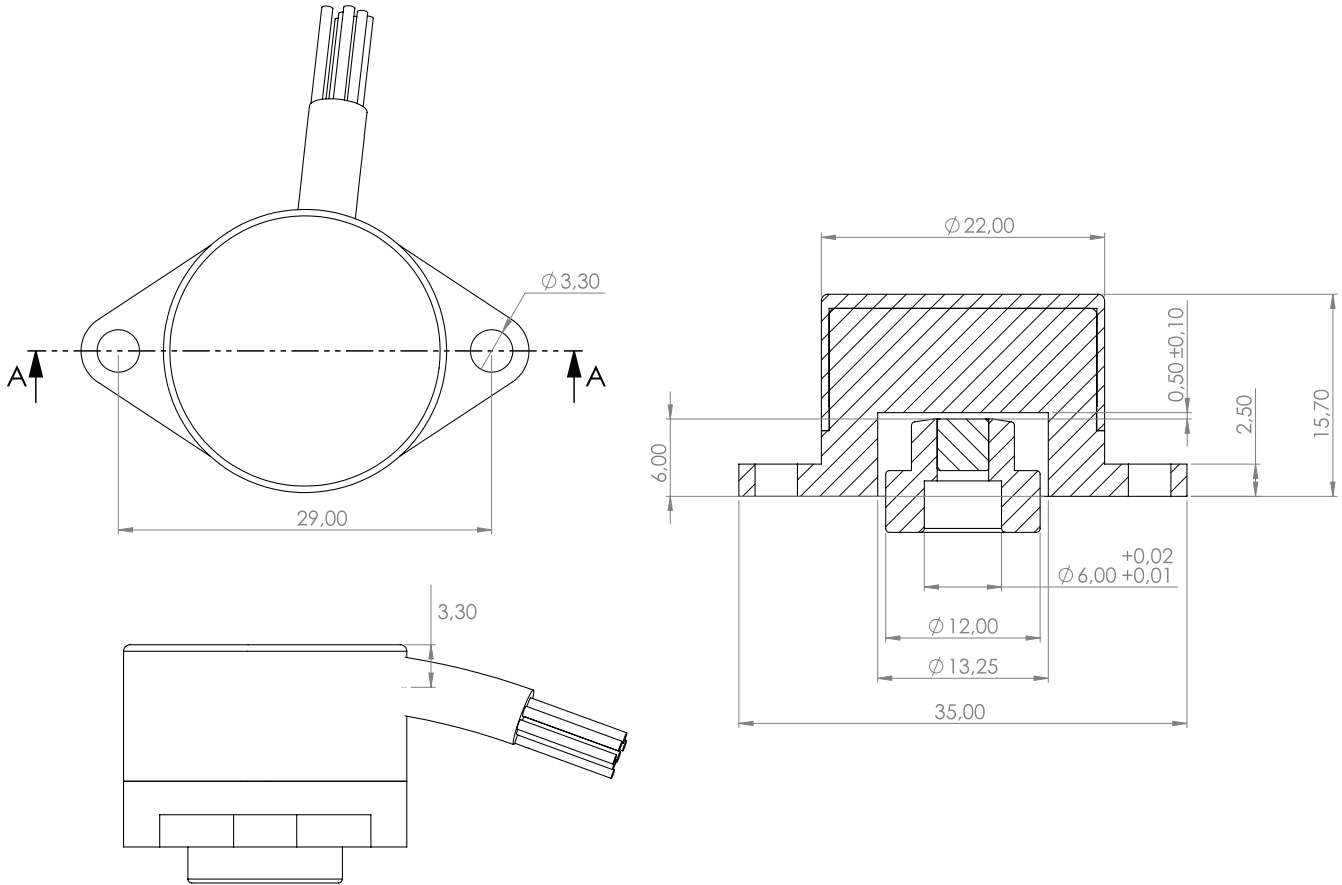
Function	Color
+5V	Red
GND	Black
Sin+	Orange
Sin-	Orange-White
Cos+	Blue
Cos-	Blue-White

Pulse Diagram



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Mechanical Dimensions



Part Number

F	229	K	SC	2.2	R01
Housing 229: 22 mm body diameter, 29 mm montage holes diameter			Connection Options R01 : 10 cm meter cable (standard) M * : Molex 501568-1107 Connector * (mating with Molex 501330 -1100)		
Montage Type K : Ear type			2.2 : 2.2 Vpp 4 : 4 Vpp 1 : 1 Vpp		
Output Type SC: Sin-cosine out					

Magnet Holder

F	22	M	44
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