

FNC FRPS 30 Series



Features

- Hollow shaft
- Better than 0.1° resolution
- Linearity up to $\pm 0.25\%$
- Long lifetime
- Robust

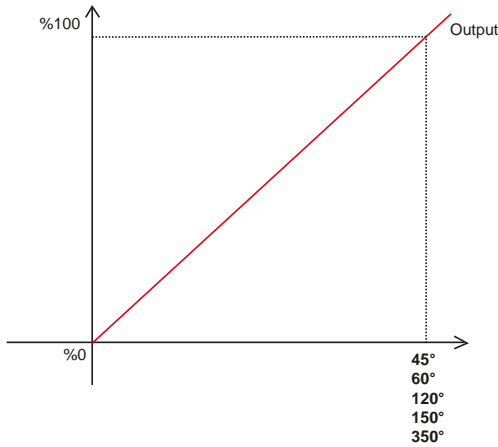
Technical data - electrical ratings

Total Resistance	1, 5 or 10 k Ω
Interface	Analog output
Resistance tolerance	$\pm 20\%$
Linearity	up to $\pm 0.25\%$
Electrical travel range	45, 60, 120, 150, 350

Technical data - mechanical design

Dimensions	$\varnothing 31$ mm Thickness: 18 mm
Materials	Housing : Aluminium Shaft :Aluminium
Shaft diameter:	6 mm

Output Functions



Cable Wiring / Connector

Function	Color	Renk
+VB	Red	Kırmızı
GND	Black	Siyah
Out	Yellow	Sarı

Part Number

FRPS 30 05 K5 M 150 - R0.5

- Outer Diameter**: $\varnothing 31$
- Inner Diameter**: 4, 5, 6, 8
- Resistance**:
K1: 1 k Ω
K5: 5 k Ω
K10: 10 k Ω
- M**: Metal Housing
- Electrical Connections: Cable**
R0.5 : 50 cm cable, radial
A0.5 : 50 cm cable, axial
- Electrical Angle**
45 : 45°
60 : 60°
120 : 120°
150 : 150°
350 : 350°

Mechanical Dimensions

