

FNC MTP Series

192



Features

- Non contact magnetic sensing
- Resolution: 12 bit
- Robust redundancy option
- Highly resistance to fluid / dust ingress

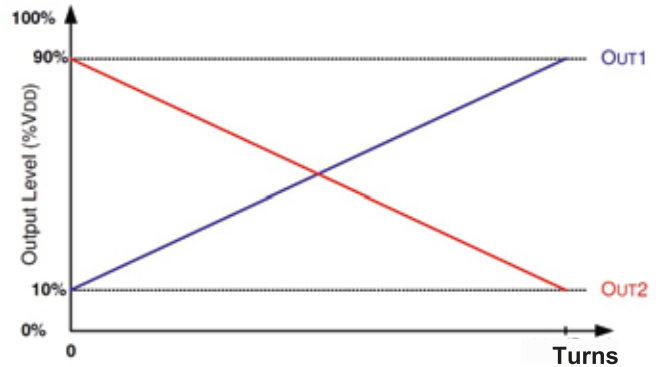
Technical data - mechanical design

Protection	IP 69K
Operating speed	≤180 rpm (Speed can be increase after inital development test)
Materials	Housing : Delrin Shaft :Stainless steel
Shaft diameter:	6 mm
Operating temperature	-40 to +125 °C
Weight approx.	20 g ± %5

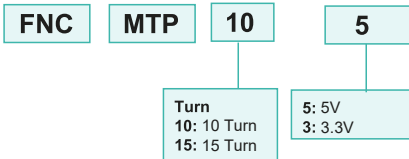
Technical data - electrical ratings

Voltage supply	5V ± %10 DC 3.3V ± % 10 DC
Protection:	Reverse & over voltage Output short circuit
Consumption w/o load	≤15 mA ≤30 mA for redundancy
Interface	Ratiometric analog output
Resolution (steps/turn)	12 bit
Linearity	≤ ±%1
Sensor life time	≥ 50.000.000 cycles
Approval	CE

Output Functions

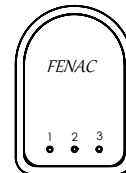


Part Number



Cable Wiring / Connector

Function	Pin
+VB	3
GND	1
Out	2



Mechanical Dimensions

