

# Wheel Measuring System

## Textile, steel etc...length measurement



### FNC CMS Measuring System



#### Features

- Compact - small size wheel + spring arm + encoder linear measurement system
- Robust mechanical and electrical construction
- Protection up to IP67

#### PPR Options :

1 to 128 - 25 - 50 - 100 - 200 - 250 - 300 - 360 - 400 - 500 - 512 - 600 - 720 - 800 - 900 - 1000 - 1024 - 1250 - 1440 - 2000 - 2048 - 2500 - 3000 - 3600 - 4000 - 4096 - 5000 - 6000 - 8192 - 10000 - 12500 - 16384 - 20000 - 25000

#### Technical data - electrical ratings

Voltage supply	4.75VDC to 30VDC 4.75VDC to 5.5VDC
Protection:	Output short circuit protection. Reverse polarity protection ( except 5V version )
Resolution (steps/turn)	1...25.000
Output frequency	>200 kHz
Output signals	90° shifted A and B, Z +

#### Technical data - mechanical design

Dimensions (flange)	ø58 mm
Shaft loading	≤140 N axial ≤240 N radial
Protection DIN EN 60529	IP 67
Operating speed	≤10000 rpm
Shaft diameter:	6, 8, 10, 12 mm ( other diameters on request )
Operating / Storage temperature	-20...+85 °C -30 °C up to +90 °C
Weight approx.	250 g

#### Mechanical Dimensions

