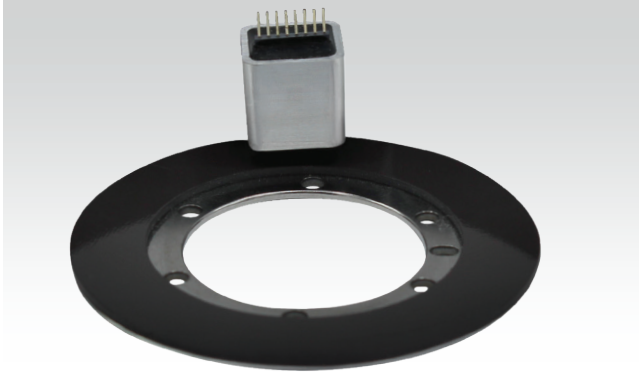


FNC MAS 11 Series Incremental & Absolute



Features

- Off - Axis rotary encoder incremental and absolute
- Robust mechanical and electrical construction
- Corrosion resistant magnetic ring
- Outer diameter 49 mm
- Inner diameter 25 mm
- Up to 65.536 cpr for programmable incremental encoder
- Up to 20 bit SSI / BISS
- Magnetic system

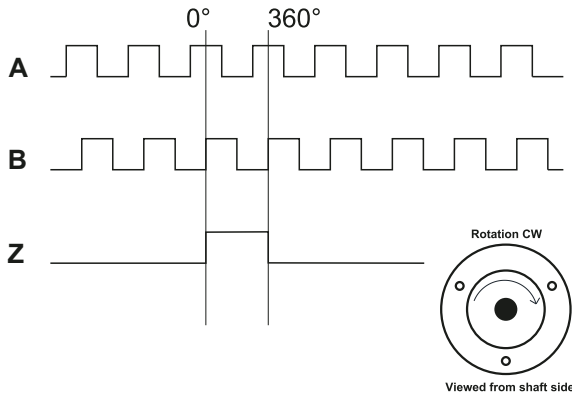
Technical Data - Electrical Ratings

Voltage supply	4.75VDC to 5.5VDC
Consumption w/o load	≤60 mA
Output circuit	RS422
EMC Standards	EN 61000-6-2 / EN 61000-6-4
Approval	CE

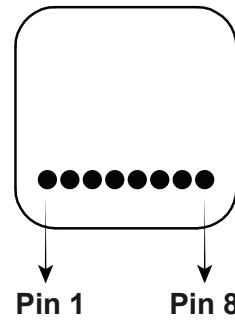
Technical Data - Mechanical Design

Dimensions (ring)	ø49 mm
Protection DIN EN 60529	IP54, IP65
Operating speed	≤12000 rpm
Matetials	Head: Aluminum
Operating / Storage temperature	-40...+85 °C / -40°C ...+90°C
Weight approx.	200 g

Pulse Diagram for Incremental Version

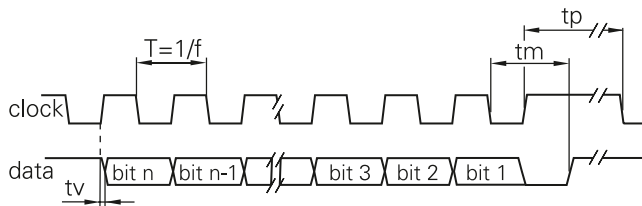


PIN Connection for Incremental



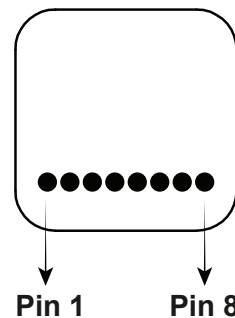
Function	Pin
B	Pin 1
Z	Pin 2
A	Pin 3
GND	Pin 4
Vin	Pin 5

Pulse Diagram



Clock frequency, f	50...2000 kHz for SSI up to 10MHz for BISS
Code	Binary or gray
Status and parity bit	On request
Monoflop time tm	>15μs
Clock time out	Programmable at factory

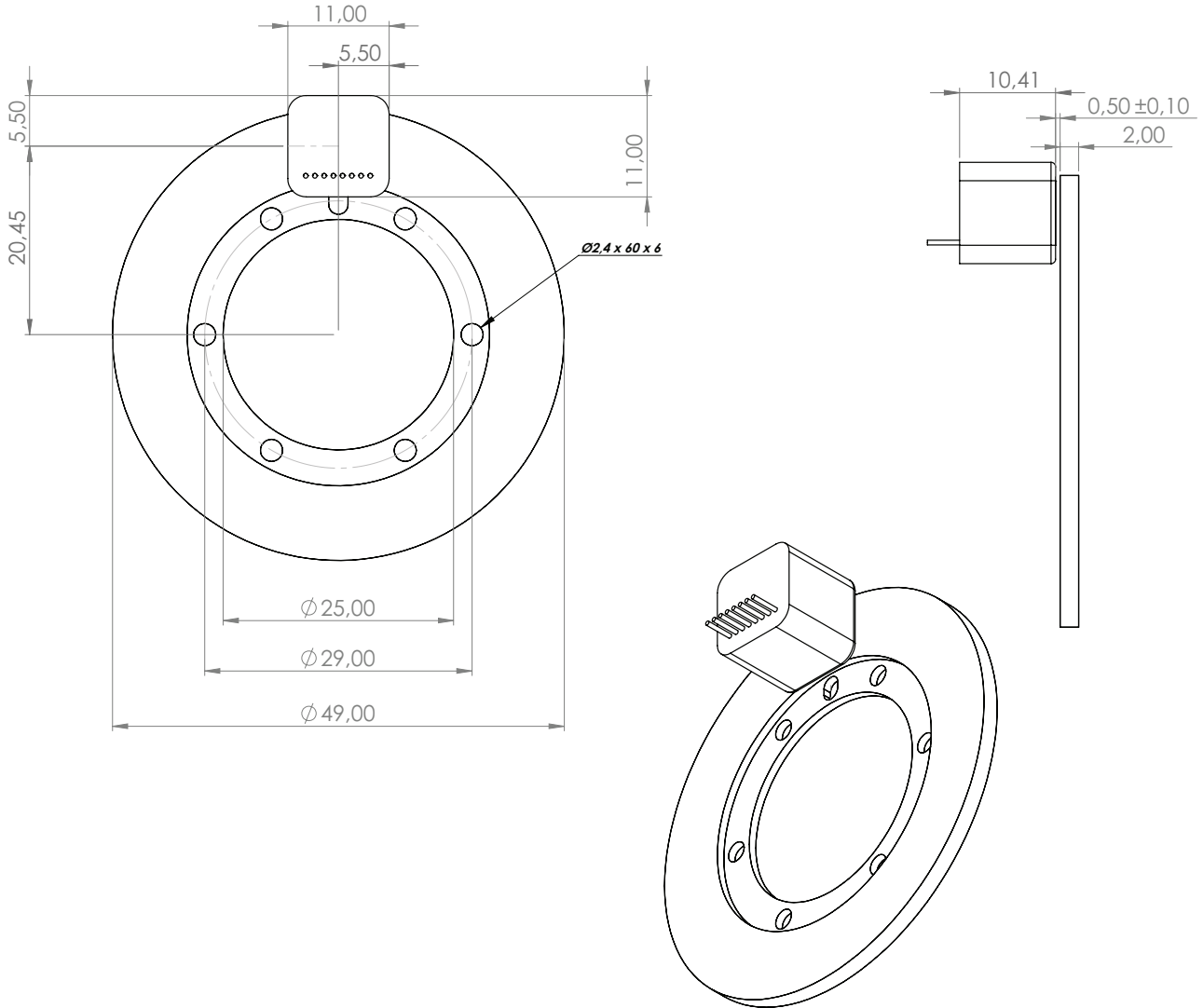
PIN Connection for Absolute



Function	Pin
C-	
C+	
D-	
D+	
GND	
Vin	

FNC MAS 11 Series Incremental & Absolute

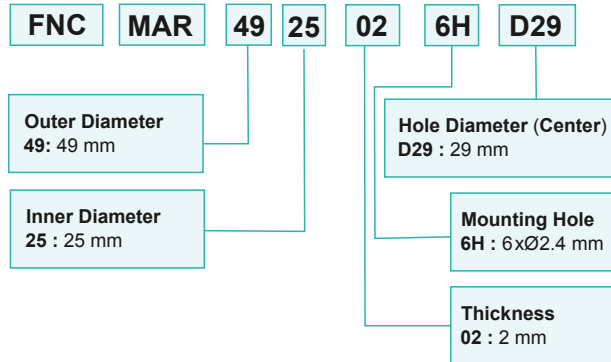
Mechanical Dimension



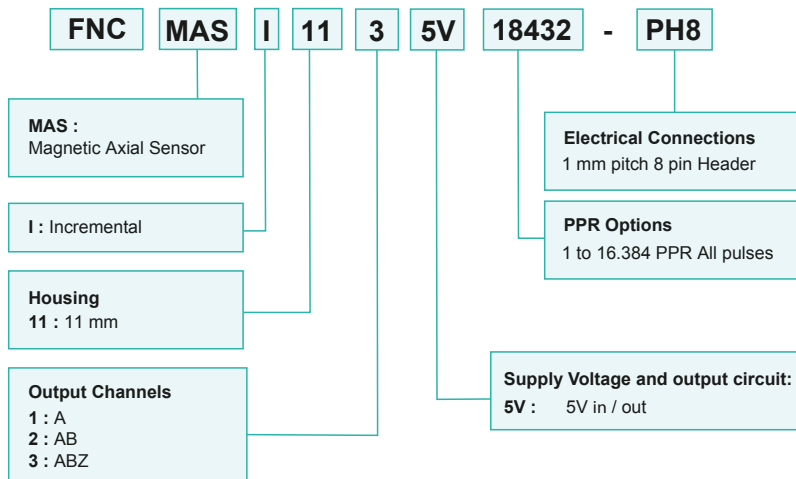
Part Number

FNC MAS 11 Series Incremental & Absolute

Magnetic Ring Part Number



Readhad Part Number For Incremental



Readhad Part Number For Absolute

