

- **Designed for motor feedback applications**
- **Non-contact magnetic technology**
- **28 mm diameter body**
- **Long life**
- **Compact dimensions**

Voltage supply	5 - 30VDC
Resolution (steps/turn) :	One per revolution

Dimensions	ø28 mm
Mount Diameter	38 mm
Materials	Housing: ABS (plastic) Shaft : Stainless Steel

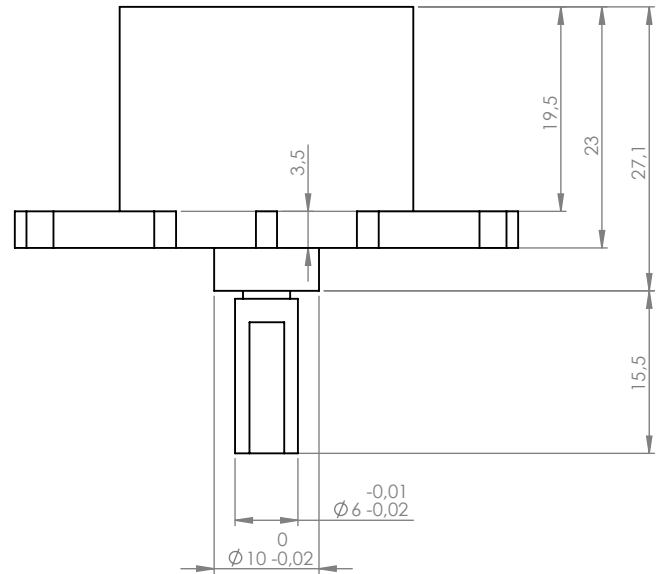
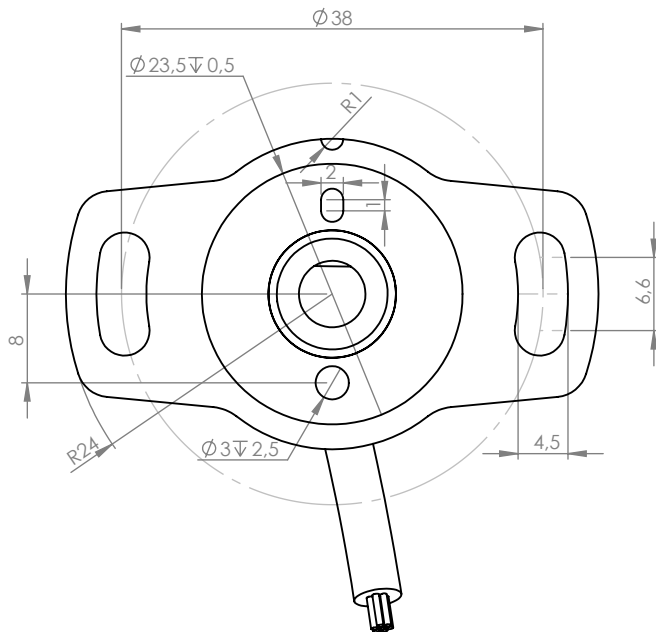
Harvester
Fork-lift
Operating table
Hydraulic pump

Contactless Rotary Potentiometer

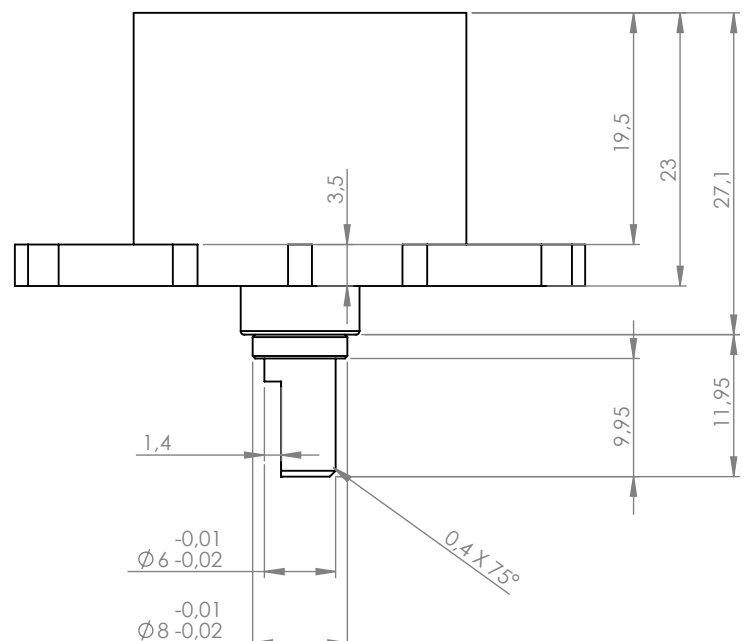
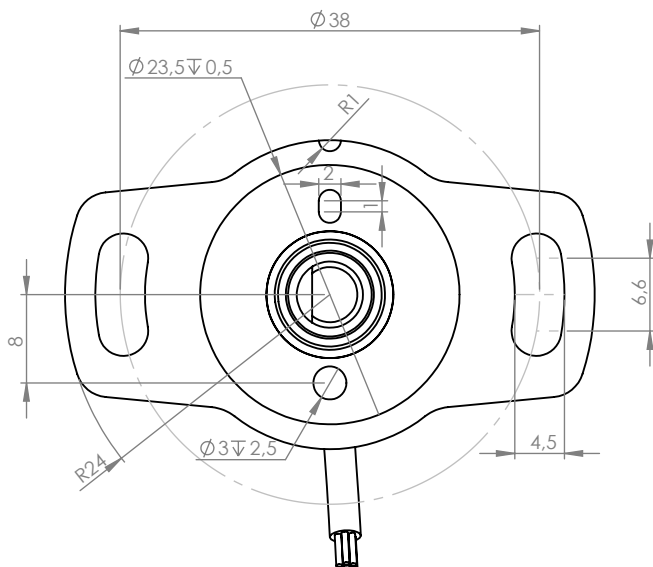
FNC PM28 Series

Mechanical Dimensions

1 6 mm D form shaft version



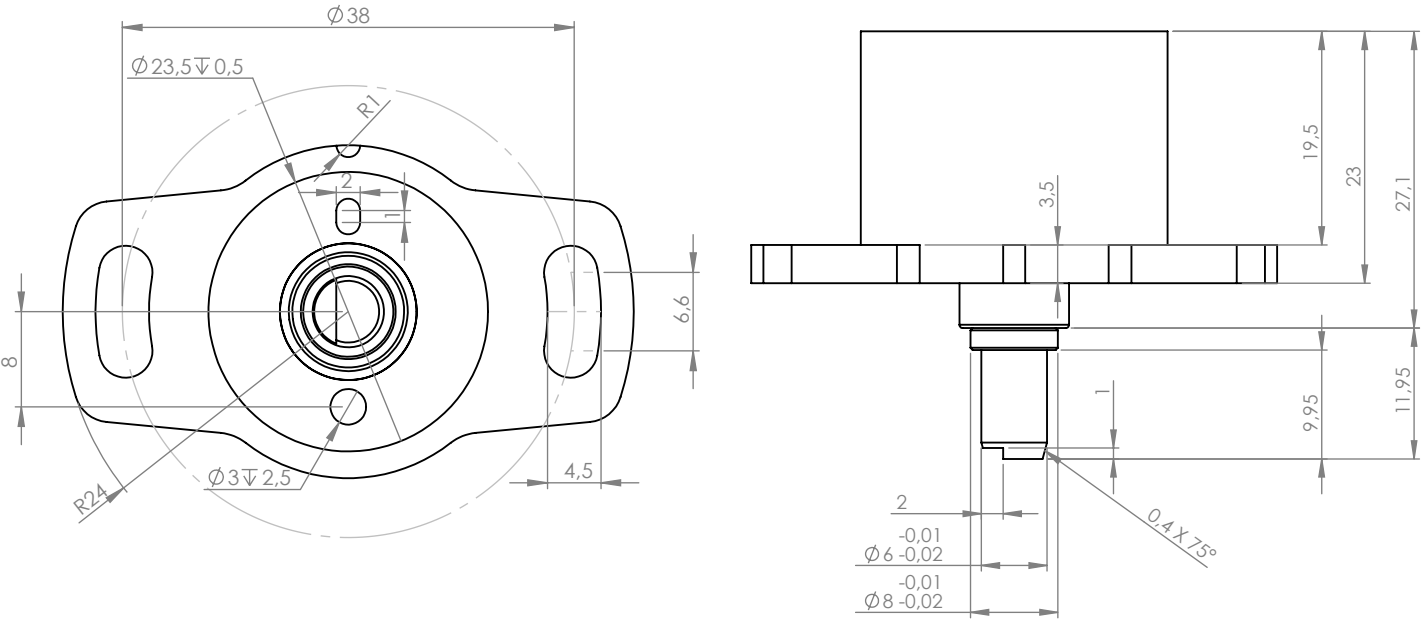
2 6 mm shaft, 8 mm notch version 6L12



FNC PM28 Series

Mechanical Dimensions

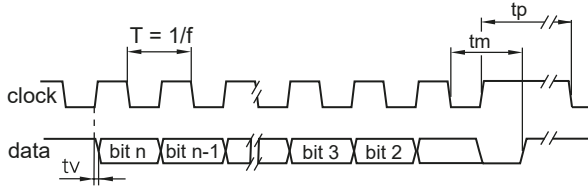
3 6 mm shaft, 1 mm notch version 6L12



Contactless Rotary Potentiometer

FNC PM28 Series

Pulse Diagram for Absolute SSI



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

Cable Connection for Absolute SSI

Function	Color	Renk
+VB	Brown	Kahve
GND	White	Beyaz
DATA+	Orange	Turuncu
DATA-	Orange-Black	Turuncu-Siyah
CLOCK-	Blue	Mavi
CLOCK+	Blue-Black	Mavi-Siyah
DIRECTION	Gray-Black	Gri-Siyah
PRESET	Gray	Gri
Shield	Black	Siyah

Encoder Part Number for Absolute SSI

