

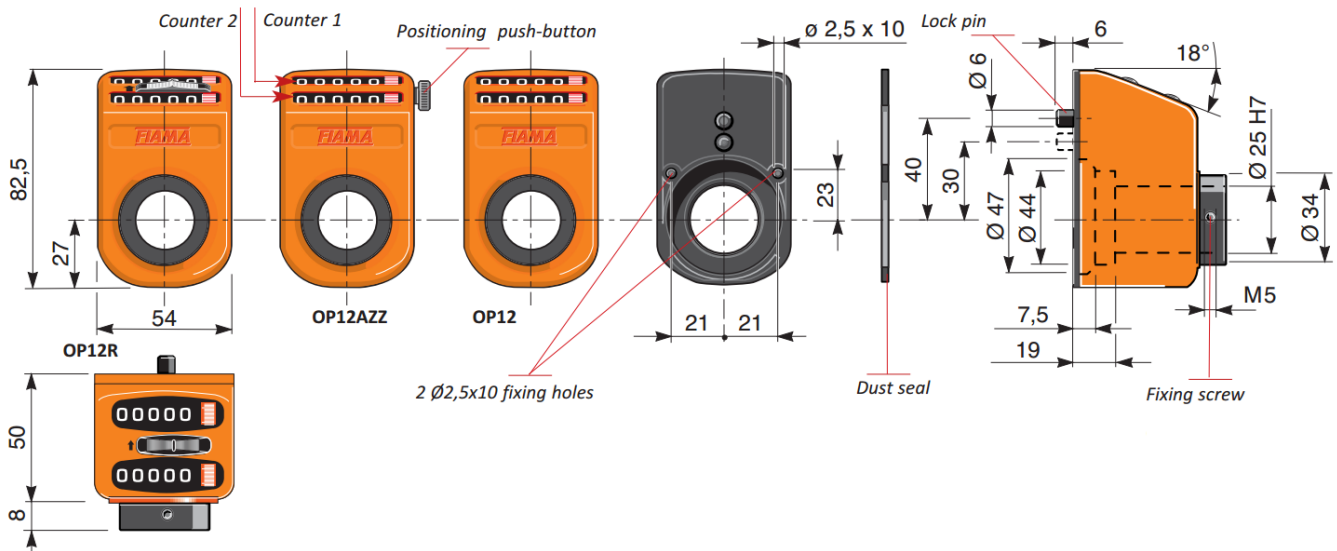
# Datasheet

## Characteristics

- 2 counters, each with 5 digits to adjust and directly read a motion (or an angle)
- Impact resistant and self-extinguishing Polymer housing
- Various view options available
- Protection class IP64
- Optionally also with roller for positioning and zero-setting (-AZZ/-BZZ)
- or frontal selector (-R)



## Dimensions



Introduce the indicator through the hollow shaft and set the lock pin into the  $\varnothing 6$  arranged hole. Set the instrument on the inner (zero) value and block the fixing screw.

## Mechanical data

Material	housing hollow shaft	technopolymer, self extinguishing steel
Digits	1 red digits 2 red or 5 black digits	decimals (standard) hundredths (on request)
Digit height		5,5 mm
Reading		until 99999
Shaft		$\varnothing 20$ mm and $\varnothing 25$ mm
Distance of anti-rotation lock-pin		40 mm (standard) or 30 mm
Colour		orange; RAL2004 black; RAL9005
Operating temperature		max. 80°C
Type OP12R (with frontal selector)		ratio until 1 rev.=60 Application: change lever for measuring, for example, tool' s radius ( pitch) or diameter (double pitch)

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## Pitch

Pitch mm	Measure after 1 revolution mm	Maximum rotation speed rpm
0,50	00050	150
0,75	00075	100
1,00	00100	60
1,0	00010	300
1,2/5	00012 5	300
1,5	00015	300
1,7/5	00017 5	300
2,0	00020	200
2,5	00025	200
3,0	00030	200
4,0	00040	150
5,0	00050	150
6,0	00060	150
7,5	00075	100
8,0	00080	100
10,0	00100	60
12,0	00120	60

## Mounting position

**View A** - horizontal



**View B** - vertical



The increasing direction of counters **1** and **2** has the point of reference always in counter **1**.

For example: **SX** shows that counter **1** turns anti-clockwise and counter **2** turns clockwise; **DX-DX** shows that both counters turn clockwise.

## Ordering example

**Type** OP12 - **A** - 2,5 - **DX-DX** - 20 - **R** - **I40**

R - with frontal selector

### View

A - B

AZZ - BZZ (with positioning push button)

### Pitch

Measure after one revolution see table

### Counting direction

**DX - DX**

DX - SX

SX - DX

SX - SX

### Shaft diameter [mm]

Ø 20, Ø25

smaller diameters with reducing bush

### Box colour

**R** - orange

**G** - black

### Axis distance

I30 - 30 mm

**I40** - 40 mm