

Datasheet

- Housing in black anodized aluminium
- Good readable display
- Characterized by a side hollow shaft
- Hollow shaft up to Ø25 mm
- Direct mounting on the adjusting shaft
- Freely programmable
- Activated functions are displayed by a symbol
- Area of Applications: distance and angular adjustment at industrial machinery
- Changing the battery possible whilst mounted
- Battery lifetime 4 years



Mechanical Data

Hollow Shaft diameter	25 mm, 20 mm, 19,05 mm (3/4")
Weight	EP9L: 500 g – FLB-EP9L: 250 g
Display	10 mm digit height
Indicating Range	-99999; 99999
Revolution speed	Max. 400 rpm (in permanent use)
Speed	Max. 1.5 m/s
Resolution	4.000 impulses/revolution
Operating Temperature	0°C to +50°C
Relative humidity	35 to 85%
IP-Rating	IP54
Electromagnetic compatibility (EMC)	2014/30/UE

Electrical Data

Power Supply	3,6 VDC (battery-powered 1x ½ AA)
Lifetime of Battery	4 years (permanent operation)
Keyboard	3 programming and function keys
Available Function	Reset/preset, absolute/incremental value, conversion mm/inch, degree, 3 origin points

Assembling position

View A

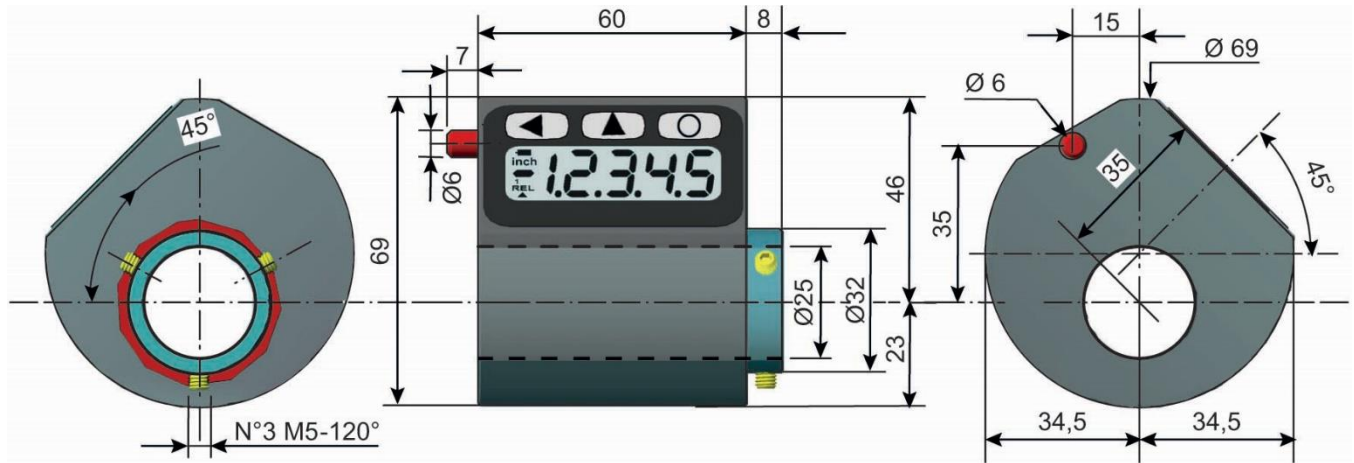


View B



Datasheet

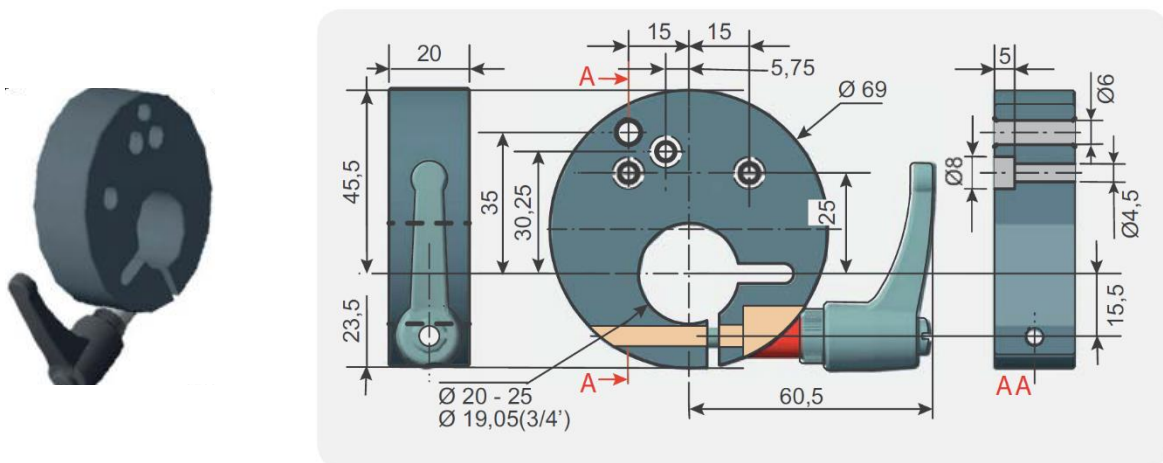
Dimension



Accessories

Shaft block flange EP9L FL-B-EP9L	Reduction bush Position indicator BF	Handwheel with folding grip V.R.	Crank handle with folding grip V.M.	Movement knob P.M.
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Dimension shaft block flange FL-B-EP9L



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Ordering Example

Type EP9L - A - F20

Assembling position

- A = Horizontal drive shaft, right mounting
- B = Horizontal drive shaft, left mounting

Hollow shaft diameter

- F19.05 mm = 19.05 mm (3/4")
- F20 = 20 mm**
- F25 = 25 mm

Ordering example accessories

Typ FL-B-EP9L - F20
FL-B-EP9L = Shaft block flange

Hollow shaft diameter

- F19.05= 19,05 mm (3/4")
- F20 = 20 mm**
- F25 = 25 mm

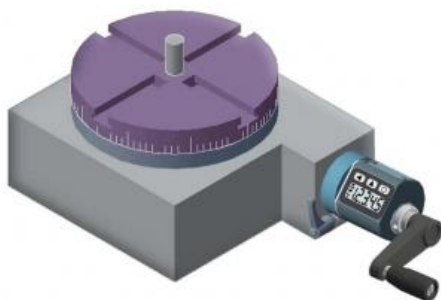
Typ BF - 20/12
BF = Reduction bush position indicator

Hollow shaft diameter

- 20/18 = 18 mm
- 20/16 = 16 mm
- 20/15 = 15 mm
- 20/14 = 14 mm
- 20/12 = 12 mm**

Application example

S



Angel display on rotary table

Manufacturer:

