



Compact and even smaller

## The INDUCTIVE Mini Encoder

[www.flux.gmbh](http://www.flux.gmbh)

FLUX's compact inductive encoder series "IND-ROT" delivers unmatched performance in world's smallest encoder design - now including three powerful new models with even smaller diameters (34, 36 and 45mm).



Being the flattest and most compact encoder designs available on the market in its accuracy range, the new sizes open up a wide range of additional applications.

**IND-ROT Series: miniaturization and simplified system integration for reduced engineering and operation costs.**

### Applications

- + Robotics
- + Medical Technology
- + Industrial
- + Metrology
- + Drive systems of Industry 4.0
- + Aerospace, Satcom & UAV
- + Direct integration for Servo, BLDC and stepper motors

<p>Highest performance in the smallest installation space</p>	<p>Lightweight (9 g in total)</p>
<p>Super compact design</p>	<p>Resistant to electric &amp; magnetic fields</p>
<p>Plug-n-play: no field calibration</p>	<p>Frameless, without bearings</p>
<p>Absolute hollow shaft</p>	<p>Wide mounting tolerance</p>

Model	Encoder Stator		Encoder Rotor		Thickness	Resolution	Accuracy	Mass Stator/Rotor
	OD	ID	min OD	max ID				
IND-ROT-034	34 mm	9 mm	22 mm	8 mm	7.70 mm	17 bit / rev.	±0.050°	3,5 g / 5,5 g
IND-ROT-034	36 mm	11 mm	24 mm	10 mm	7.70 mm	17 bit / rev.	±0.050°	4 g / 5,5 g
IND-ROT-034	45 mm	17 mm	32 mm	15 mm	7.70 mm	18 bit / rev.	±0.040°	5 g / 5,5 g