



NEW



Compact and even smaller The INDUCTIVE Mini Encoder

www.flux.gmbh

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

Miniaturization and simplified system integration for reduced engineering and operation costs.

**INDUCTIVE Rotary Encoders
now available in two new sizes:
IND-ROT-034 and IND-ROT-045.**

Applications

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



**Highest performance
in the smallest
installation space**



**Lightweight
(9 g in total)**



**Super compact
design**



**Resistant to electric
& magnetic fields**



**Plug-n-play:
no field calibration**



**Frameless,
without bearings**



**Absolute
hollow shaft**



**Wide mounting
tolerance**

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°	3,5g / 5,5g
IND-ROT-045	45 mm	17 mm	32 mm	15 mm	7.70 mm	18 bit / rev.	±0.040°	5g / 5,5g