

Arcseconds in All Environments

GMI ANGLE Encoder



Hysteresis-free performance and accuracy in arcseconds for even the most demanding applications.

GMI Angle encoders are an ideal choice for applications with high demands that cannot be met by conventional encoders.

IP67 stainless steel housing with extended temperature range guarantee for highest performance in harsh environments. Resolution up to 25 bits as well as plug-and-play operation and wide mounting tolerances allow for maximum flexibility within an unlimited range of applications.

Applications

- + Machine Tools
- + Semiconductors
- + Rotating Tables
- + Torque Motors
- + Industrial Robots



Model	Encoder Stator		Encoder Rotor		Thickness	Resolution	Accuracy	IP grade
	OD	ID	min OD	max ID				
GMI-ANG-096	96 mm	50 mm	80 mm	35 mm	10.8 mm	23 bits / rev.	± 8"	IP67
GMI-ANG-160	160 mm	110 mm	160 mm	110 mm	10.8 mm	24 bits / rev.	± 5.5"	IP67
GMI-ANG-180	180 mm	130 mm	160 mm	110 mm	10.8 mm	24 bits / rev.	± 5.5"	IP67
GMI-ANG-250	250 mm	200 mm	230 mm	180 mm	10.8 mm	25 bits / rev.	± 3"	IP67



Absolute hollow shaft



IP67



Extended temperature range



Frameless, without bearings



Wide mounting tolerance



Accuracy in Arcseconds



Plug-n-play: no field calibration



High resolution