

ROTAPULS • ROTACOD bearingless encoder



		Housing ø (mm)	Shaft max. ø (mm)	Shaft rotational speed max. (rpm)	Connection		Resolution max. (PPR or Bit)	Power supply (Vdc)	NPN	PNP	1Vpp	Push-Pull	Line Driver	SSI	Operating temperature °C (°F) min. - max.	Protection max.
					connector	cable										
	IM30 - IM31 - IM56 Incremental encoder module for motor feedback.	30÷56	Ø 8	3000	•		2048	+5	•					•	-40 +85 (-40 +185)	IP20
	MIK36 Shaftless incremental encoder. Waterproof design.	36	Ø 10	30000		•	2048	+5 +10 +30	•			•	•		-25 +85 (-13 +185)	IP68
	SGSM - SGSD Magnetic ring encoder. Single & redundant version.	-	Ø 50	6000		•	1024	+5 +10 +30				•	•		-40 +85 (-40 +185)	IP68
	SMG Bearingless feedback encoder for spindle motors.	-	Ø 100	50000	•	•	>25000	+5			•		•		-25 +85 (-13 +185)	IP68
	SMRI Incremental ring encoder. Several ring sizes available.	-	Ø 250	25000	•	•	90000	+5 +10 +30				•	•		-25 +85 (-13 +185)	IP68
	SGHM Incremental ring encoder for integration into gearmotors.	-	Ø 50	12000	•		16384	+5 +10 +30				•	•		-25 +85 (-13 +185)	IP65
	MSK36 - MMK36 Shaftless absolute encoder. Single & multiturn. Waterproof design.	36	Ø 10	12000	•	•	13 12 x 16	+5 +10 +30						•	-25 +85 (-13 +185)	IP68
	SMRA Absolute bearingless ring encoder.	-	Ø 380	15000	•	•	14	+10 +30						•	-25 +85 (-13 +185)	IP68
	SMLA Sensor for absolute measuring of curved axes up to 360°.	-	-	15000		•	14	+10 +30						•	-25 +85 (-13 +185)	IP68
	SMR5H Sensor for incremental measuring of internal curved axes.	-	-	25000		•	5 µm	+5 +10 +30				•	•		-25 +85 (-13 +185)	IP67