

MAGNETIC RING NONIUS (VERNIER)

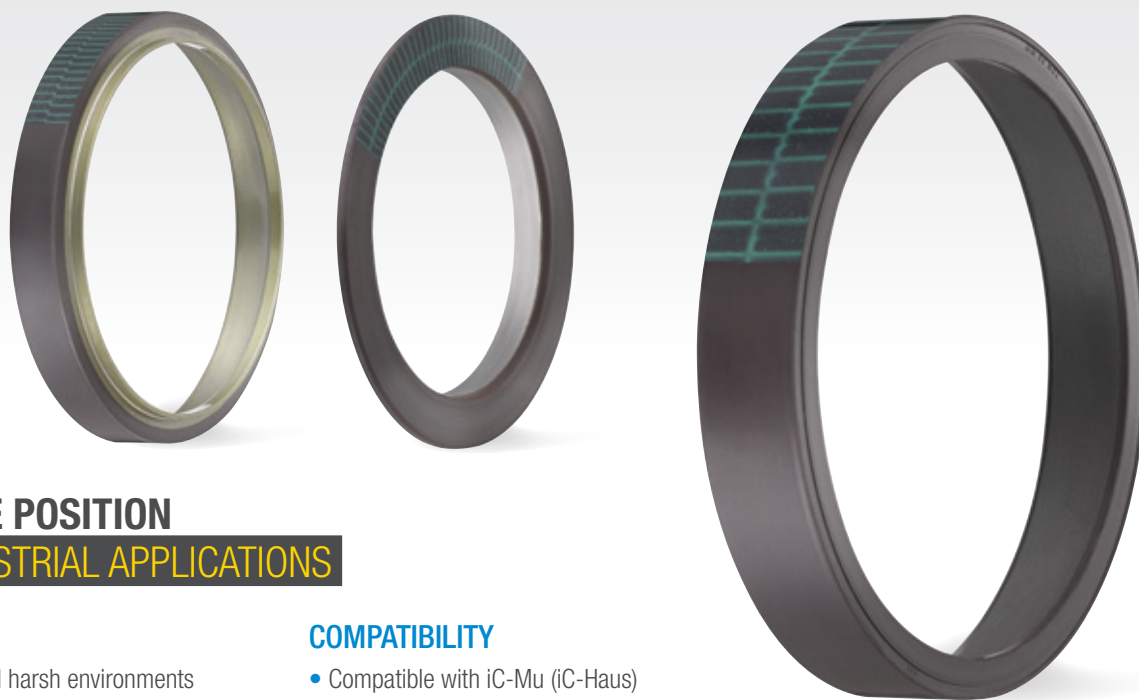


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With You

FOR MASS PRODUCTION



MEASURE POSITION FOR INDUSTRIAL APPLICATIONS

ROBUST

- Heavy duty and harsh environments
- Designed for industrial applications

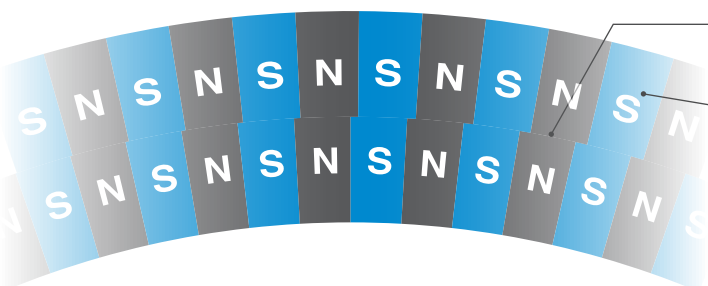
COMPATIBILITY

- Compatible with iC-Mu (iC-Haus)
- Compatible with TTS ABSOLUTE

STANDARD & CUSTOM

- Designed for high volumes & high quality services
- Custom design on request

ABSOLUTE POSITION AT TRUE POWER ON HOW DOES IT WORK?



Dual track reading:

N pole magnetic track

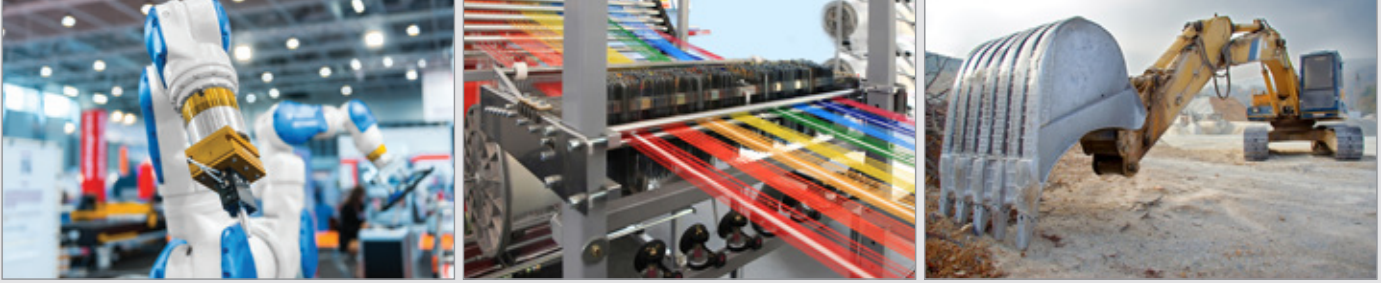
+

N+1 pole magnetic track

=

Recognizable magnetic offset between the two tracks

You get position information
at instant power on

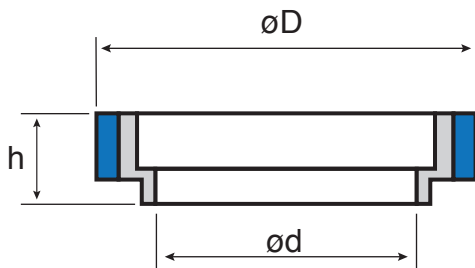


CONFIGURATION

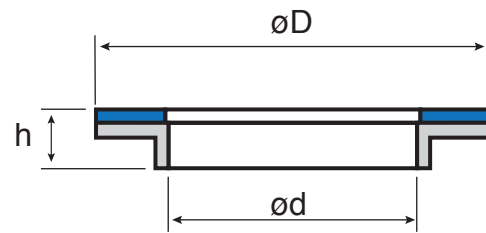
MR	TYPE	MECHANICAL CONFIGURATION	POLE PAIR NUMBER	POLE LENGTH (mm)	($\phi d \times \phi D \times h$) (mm)
	Nonius	Radial	64/63 32/31 16/15	4 2 1.5 1.28	$\phi 44 \times \phi 51.5 \times 8.2$ $\phi 18 \times \phi 25.5 \times 8.2$ ND
		Axial	64/63 32/31 16/15	4 2 1.5 1.28	$\phi 41 \times \phi 56 \times 4$ ND ND

 : Standard option (other options on request)

RADIAL



AXIAL



SPECIFICATION

- Metal core : Thin steel plate t0.6mm SPCC
- Magnet type : Rubber magnet
- Number of magnetization tracks : 2 tracks
- Temperature : [-40°C ; +110°C]
- Angle accuracy : Less than $\pm 0.1^\circ$

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