PMS

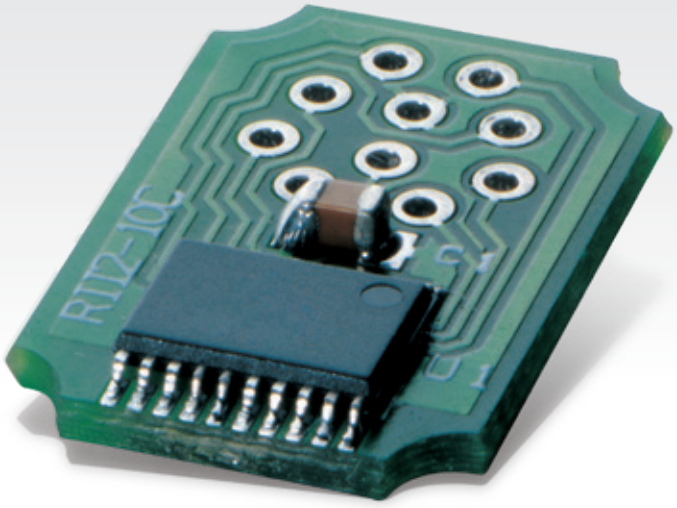
PCB MAGNETIC SENSOR
PSEUDO - ABSOLUTE

The perfect innovation for a better production

www.ntn-snr.com

With You

FOR MASS PRODUCTION



MEASURE SPEED & POSITION
WITH NTN-SNR VERSATILE ASIC

CUSTOM RESOLUTION
- Incremental or Pseudo-Absolute
- Polar adaptation and interpolation

REFERENCE PULSE
- Additional magnetic information
- Servo-drive control

RELIABLE
- AECQ100 qualification (automotive)

CHOOSE
YOUR PRODUCT INTEGRATION

UNPACKAGED

PMS P-ABL

- Specific to your system
- Through shaft

TUBE TYPE

TTS P-ABL

- Tight access
- Easy retrofitting on existing systems
- Easy maintenance

BALL BEARING

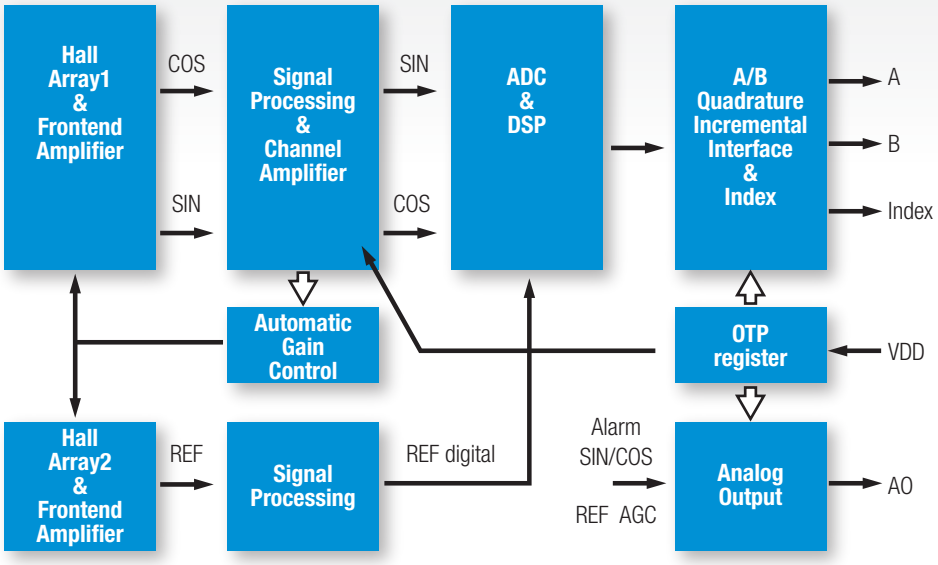
BBS P-ABL

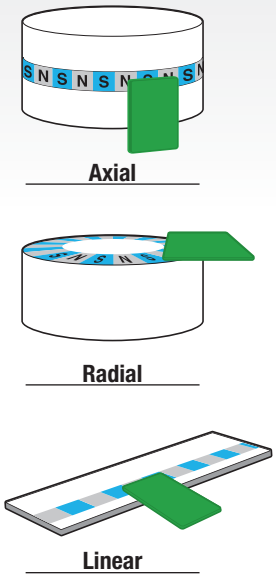
- Optimal congestion
- Thought shaft
- Closer to the movement



CONFIGURATION

PMS	/	TYPE	/	POLE LENGTH	/	INTERPOLATION FACTOR
		INC, P-ABL		1.13 to 5.92 mm		x1, x2, x4, x5, x8, x10, x16, x20, x32, x40





SPECIFICATION

- Fully integrated design features on chip Hall sensors to generate digital high resolution and index pulse signals
- TSSOP 20 package (7mm x 6mm x 1mm) -40°C to +125°C operating range
- Synchronized on- board index pulse
- Automatic Gain Control for increased AG range
- On board Auto diagnostic
- Reduced consumption mode selectable
- Current limited Open Drain and Push Pull outputs
- No external Components
- ESD protected (2kV – HBM 150pF – 1.5k)
- True Zero speed Operation
- Uses polymer bonded multi pole magnet as a rotary or linear magnet
- Dual track encoder with optimized magnetization for increased accuracy

Contact us:
mechatronics.industry@ntn-snr.fr

NTN-SNR ROULEMENTS - 1 rue des usines - 74000 Annecy
RCS ANNECY B 325 821 072 - Code APE 2815Z - Code NACE 28.15
www.ntn-snr.com

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