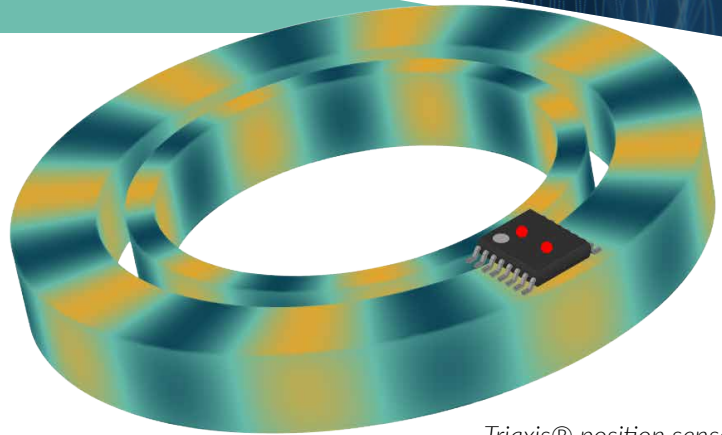


## ARCMINAXIS™

*Popularize precise motion for robots*

Designed for industrial robots, cobots and exoskeletons that need accurate positioning for their joint control. Arcminaxis combines high precision with on-chip calibration to provide a compact and scalable solution. Unlike other dual-magnetic-track angular sensors, Arcminaxis is assembly-friendly and cost-effective.



*Triaxis® position sensor and multi-track magnet*

### INNOVATE WITH HEART

Precise position sensing made easy

- Relax assembly tolerances to ease the mechanical design
- Make one single chip compatible with any magnet size
- Allow compact design: only 5 mm magnetized track width

### APPLICATIONS

For precise positioning

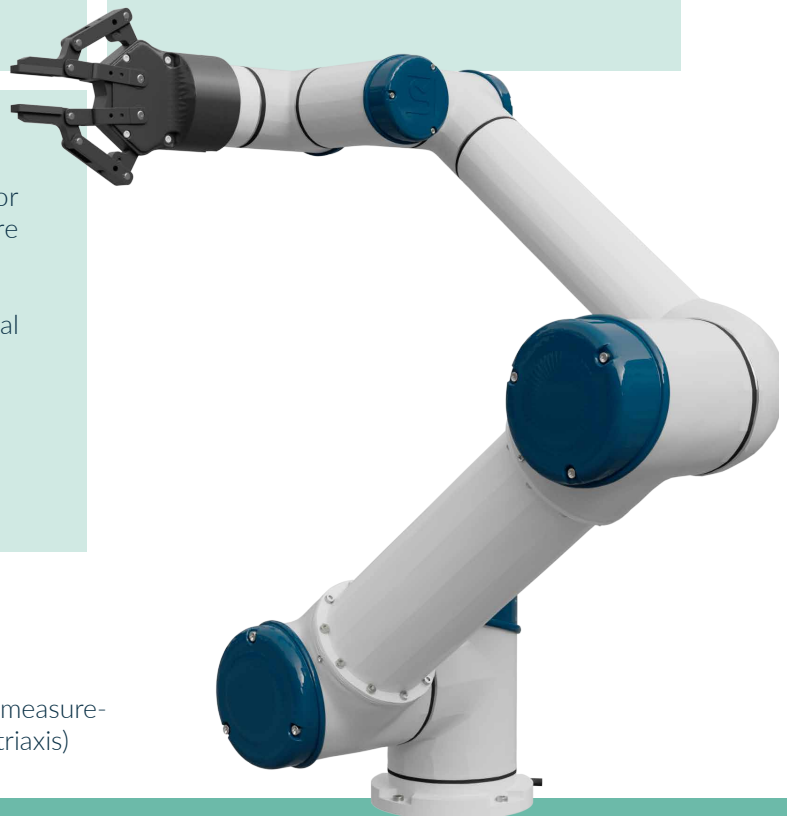
- Cobots
- Industrial robot joint position

### SECRET INGREDIENTS

- Technology: magnetic position sensor using Triaxis technology (Melexis core expertise)
- Process: unique magnet concept (dual track)
- Patents: multi-dimensional sensing, improved Vernier concept

### Abbreviations & definitions

- Cobots Collaborative robot
- Vernier Dual-track scale system
- Triaxis Enable magnetic 3D field measurement ([www.melexis.com/triaxis](http://www.melexis.com/triaxis))



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