

Give robots a sense of touch

Tactaxis® Fingertip Module

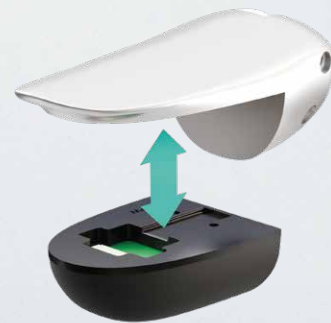
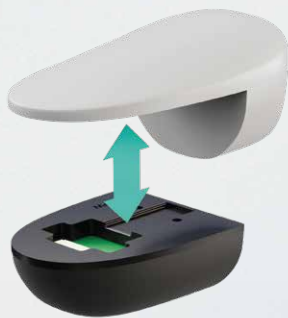
Power up your robotic hand with the Tactaxis Fingertip Module. Its high-performance sensing capabilities and minimalist design allow for effortless integration right into the distal phalanges.

Built on Tactaxis technology, this compact solution delivers the essential features needed to bring sophisticated, human-like touch to your most advanced robotic systems.



Key features

- ✓ Mount and play
- ✓ Multi-fingertip module management
- ✓ Standard form factor
- ✓ Force sensing without blindspot
- ✓ Light weight (15gr)
- ✓ Integrating tactaxis® technology with stray field immunity
- ✓ Dynamic force range
- ✓ Robustness against humidity, dust and temperature variations (IP65)
- ✓ Standard I2C communication with external system



Applications

- ✓ 3D force vector (normal, shear)
- ✓ Contact detection
- ✓ Over force detection
- ✓ Force localization without blind spot



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