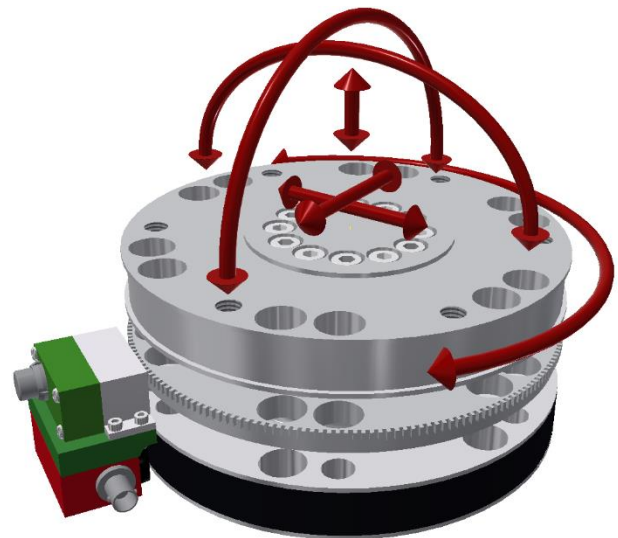


6-Axis Force and Torque Sensing System

- For static and dynamic loads
- Very high-cycle fatigue resistance
- Wireless power supply digital data transmission
- Angle measurement for coordinate transformation



Typical Applications:

The transducer is intended for high-accuracy measurements of torque and force in all spatial axes.

Specifications:

Sample rate	20 kSPS	
Sample size	16 bits	
Data rate (sum of all channels)	6 kSPS	
Outputs (for each channel)	Analog Frequency CAN	$\pm 10V$ $60 \pm 30kHz$ 2.0B
Power supply	9.. 36 V	
Rated power consumption	15 VA	
Accuracy class	0.2	
Linearity error	0.2 %	
Hysteresis error	0.1 %	
Repeatability (full scale)	0.01 %	
Creep	0.05 %	
Temperature coefficient on characteristic value per 10K	0.025 %	
Temperature effect on zero signal per 10K	0.04 %	
Protection (DIN EN 60529)	IP 50	
Rated temperature range	+10.. +60 °C	
Operating temperature range	+5.. +80 °C	

Note: Custom measurement ranges, accuracies and mechanical configurations available. Continuous development and refinement of our products may result in specification changes without notice - all dimensions nominal.