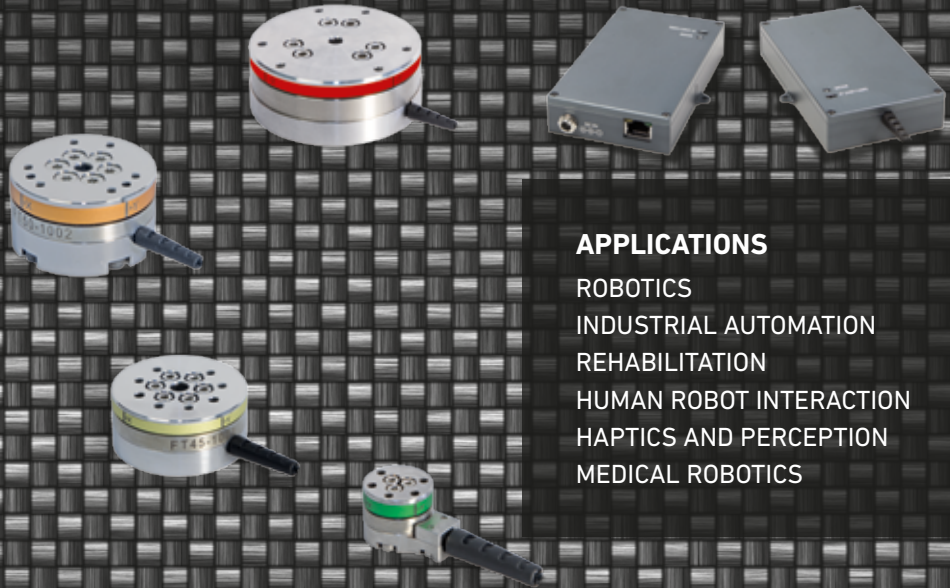


## 6-AXIS FORCE TORQUE SENSORS



### APPLICATIONS

ROBOTICS  
INDUSTRIAL AUTOMATION  
REHABILITATION  
HUMAN ROBOT INTERACTION  
HAPTICS AND PERCEPTION  
MEDICAL ROBOTICS

### MAIN FEATURES

- + Six axis load measurement (forces and torques)
- + High grade stainless steel construction for high stiffness
- + Titanium alloy sensors available when higher resolution may be required
- + High overload capacity, up to 3 times rated load
- + Semiconductor strain gages for small size, high stiffness and low noise sensors
- + Compact data acquisition electronics with Ethernet connectivity (EtherCAT on request)
- + Embedded webserver for easy system configuration from any browser

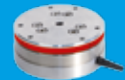
### CONTACTS

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# BRINGING COLOUR TO THE WORLD OF SENSORS!

CHOOSE THE COLOUR CODED  
SENSOR WHICH BEST FITS YOUR  
APPLICATION'S LOAD



		FT-17	FT-45	FT-50	FT-88
Dimensions (D × H) mm		17 × 14.5	45 × 20.8	50 × 28	88 × 34.5
Load Range	Fz	± 70N	± 1000N	± 2,000N	± 3500N
	Fx, Fy	± 50N	± 500N	± 1,000N	± 2500N
	Mx, My, Mz	± 0.5Nm	± 20Nm	± 40Nm	± 200Nm
Resolution	Fx, Fy, Fz	10mN	250mN	500mN	900mN
	Mx, My, Mz	70 µNm	5mNm	10mNm	50mNm
Electronics type		DataBox	DataBox / fully Embedded		
Connectivity		Ethernet/EtherCAT(on request)			
System Configuration		Webserver/Library			
Development Kit		SDK (VS Win., Linux, ROS)			
Data Rate		1kHz (higher on request)			

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