










**Multi-Measuring Sensors**

Static torque & Force	Type	Measuring range	Accuracy class	Area of application
	MS-2416	0.1 Nm/20 N	0,2 (F); 0,2 (Mt)	e.g. for the optimization of the granulation of abrasives
	MS-1902	100 Nm/100 Nm/100 kN	0,2	For screw testing: Thread and screw head friction torque, Pre load measuring
	MS-2230	100 Nm/100 Nm/100 kN	0,2	For screw testing: Thread and screw head friction torque, Pre load measuring
	MS-1983	60 Nm/60 Nm/40 kN	0,2	For screw testing: Thread and screw head friction torque, Pre load measuring
	MS-2396	1 kN/10 Nm 1 kN/30 Nm	0,3 (F) 0,2 (Mt)	e.g. for the optimization of the cutting force of drills
	MS-2025	10 kN/10 Nm 20 kN/20 Nm	0,2 (F) 0,2 (Mt)	e.g. for the examination of the characteristics of elastomers
	MS-2354	10 kN/10 Nm	0,2 (F) 0,2 (Mt)	e.g. for the examination of the bearing friction of ball bearings
Torque rotary & force	Type	Measuring range	Accuracy class	Area of Application
	Dr-2371	100N/2Nm; 250N/5Nm	0,4 (F); 0,2 (Mt)	Torque -, force -, number of revolutions and angle of rotation measurement; e.g. for continuous stress tests with pumps and closing systems
2-Ranges force transducer	Type	Measuring range	Accuracy class	Area of application
	K-1882	2-Ranges force sensor 1/10 kN 15/150 kN	0,2	e.g. for monitoring of assembly forces in the automobile industry