

6-Axis Force Sensor K6D55i

Item number: 1014062



The innovative 6-axis force/torque sensor K6D55i with robotic flange ISO 9409-1 was specially developed to solve complex requirements in the fields of robotics and medical technology. Thanks to the powerful integrated EtherCAT P measuring amplifier with a 4-wire cable suitable for drag chains, this sensor enables ultra-fast data communication. Together they form a space-saving and lightweight measuring system. This new sensor system not only saves you time and energy, but also eliminates the need for time-consuming connection and cabling work.

Technical Data

Basic Data		Unit
Type	6-Achsen Kraftsensor	
Force direction	Tension/Compression	
Dimension 1	Robotic Flange ISO 9409-1-31,33-4-M5	
Sensor Fastening	Ringfläche	
Dimension 2	Robotic Flange ISO 9409-1-31,33-4-M5	
Dimensions	Ø55 mm x 50 mm	
Variants	100N/10Nm...1kN/25Nm	

Electrical Data

Eccentricity and Crosstalk		Unit
Crosstalk	1	%FS

Accuracy Data		Unit
Accuracy class	0,2	

Environmental Data