

## 6-Axis Force Sensor K6D55ri 50N/5Nm/EC

Item number: 13500



The innovative 6-axis force/torque sensor K6D55ri 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-axis force sensor	
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	
merkmal2	Robotic Flange ISO 9409-1-31.33-4-M5, EtherCAT-P	
localizedfields	Robotic Flange ISO 9409-1-31.33-4-M5, EtherCAT-P	

## Electrical Data

Eccentricity and Crosstalk		Unit
Crosstalk	1	%FS

Accuracy Data		Unit
Accuracy class	0,2	

Measuring Frequency		Unit
Data frequency from	1	Hz
Data frequency to	1000	Hz

## Environmental Data

## Stiffness Matrix

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