

Product



Nr. 1 Position

Force-torque sensor for simple applications

Product features

Unique Selling Points:

- ✓ Electronics integrated in the sensor
- ✓ 3x overload protection

Further Features:

- ✓ Measurement range Fxyz: 150 N
- ✓ Measurement range Mxyz: 3 Nm
- ✓ Communication: CAN-Bus or USB
- ✓ 6 independent load ranges
- ✓ Power: 12 - 24 V DC
- ✓ Cable break detection
- ✓ Available April 2013
- ✓ Price on request

Market and Competitors

Key Competitors

- ✓ WEISS
- ✓ JR3

Advantages against competitors:

- ✓ 3x overload protection
- ✓ Electronics integrated in the sensor
- ✓ Extremely flat design for minimal interfering contours

Cost Effectiveness / Customer Benefits

- ✓ The proper bus connection for a variety of applications
- ✓ 6 independent load ranges for full comprehensive sensor
- ✓ Real-time measurement / data output for highly dynamic control concepts
- ✓ Easy implementation via CAN-Bus
- ✓ Cable break detection for reliable operation
- ✓ overload protection for safe functionality
- ✓ temperature compensation for reliable measurement results

Questions about the product? Your contact person is Janarthan Senthil (+49-7133-103-2684)

K:\DATEN\TV-GREIF\VERKAUFSLEITUNG\DATEN\PRODUKTSPEZIFISCH\KOMPONENTEN\EGA\07_VERTRIEB_MARKETING\KOB_Kerninfoblatt_EGA_15062012.docx 1.Seit

Technical Data / Functions

Technical data:

- ✓ Size: 75
- ✓ Measurement range Fxyz: 150 N
- ✓ Measurement range Mxyz: 3 Nm
- ✓ Sampling rate (internal / Bus): 1.5 kHz / 100 Hz
- ✓ Resolution of AD converter: 12 bit
- ✓ Power supply: 12 – 24 V DC

Industries and Applications

FTL particularly suitable for these industries:

- ✓ Research
- ✓ Haptic
- ✓ Quality management
- ✓ Guided Robotic Applications

Applications:

- ✓ Product tests
- ✓ Robotic assembly

Additional information

Cross Section



1. Electronic
2. High signal-to-noise ratio

Questions about the product? Your contact person is Janarthan Senthil (+49-7133-103-2684)

K:\DATEN\TV-GREIF\VERKAUFSLEITUNG\DATEN\PRODUKTSPEZIFISCH\KOMPONENTEN\EGA\07_VERTRIEB_MARKETING\KIB_Kerninfoblatt_EGA_15062012.docx 2.Seit