



MICROFORCE 70

quality tools



komax WIRE

MICROFORCE 70

Missing strands and insulation inside the crimp are frequent reasons for defective contacting in modern wire harnesses. Every single crimp therefore has to be monitored to ensure proper functioning. MicroForce 70 enables gapless crimp force monitoring to be carried out easily and efficiently and meets the highest standards of quality and performance. The sensor is easy to mount, so the device is ready to use in no time at all. It is manufactured in top quality and offers dependable and proven technology.

Reliable monitoring

- Detects missing strands and insulation in the crimp
- Solidly built for a long service life

Extremely easy to operate

- Clear signaling of defective crimps
- Intuitive controls, uncomplicated software
- Short training time for new operators

Highest degree of flexibility

- Suitable for commercial crimpers and fully automatic wire processing machines
- Tolerance level easy to set during production
- Password protection for critical functions

SIMPLE AND EFFICIENT FOR RELIABLE QUALITY



Technical data

Cross section range	0.35–6 mm ² AWG 22–AWG 10
Operating voltage	24 VDC
Voltage supply	Ext. adapter 100–240 VAC, 50/60 Hz, 0.75 A
Dimensions (L × W × H)	146 × 46 × 106 mm
Fastener	All-purpose fastener
Weight	About 5 kg

Efficient quality monitoring

MicroForce 70 monitors every crimp connection reliably, so it functions perfectly. A sensor measures the crimp force and helps to assure quality production. The device is ideally suited for commercial crimpers and fully automatic wire processing machines from a variety of manufacturers. The dependable crimp force monitoring process is easy to operate and helps companies stay competitive.

Dependable sensor

With proven functional technology, the frame sensor delivers maximum reliability and is highly robust in operation. With just one single fastening screw the sensor can be mounted quick and easy. It can be used with great flexibility on nearly all crimpers and fully automatic wire processing machines.

Intuitive touch

The intuitively designed user interface is simple to operate and makes working with the MicroForce 70 very easy. On the touch screen the settings are clearly legible and convenient to adjust. A password can be used to protect access to the key functions.



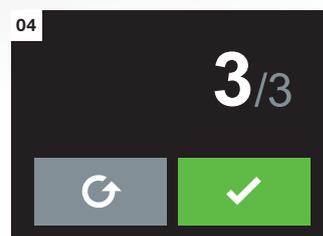
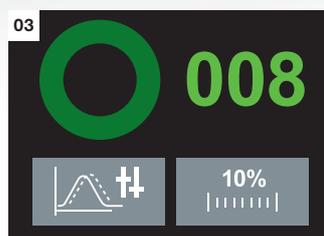
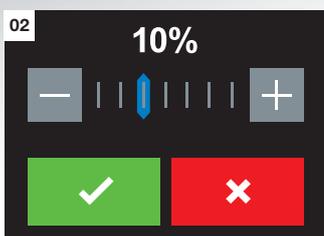
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01 The sensor has a single fastening screw, so it is quick and easy to mount.

02 The tolerance level can also be adjusted during production.

03 The simple, intuitive operation with the touch display makes work all the more efficient.

04 The teach-in process for the sensor requires just three samples.



Komax Wire – industry leader today and in the future

As the pioneer and market leader in automatic wire processing, Komax Wire supplies its customers with innovative solutions fit for the future in all areas calling for precise terminal connections. Standardized and customer-specific machines are supplemented by various processing modules, individual application parts as well as suitable software and interfaces to achieve safe, efficient production. Development and production are carried out within the globally active Swiss company at different locations. A comprehensive sales and service network supports customers with standardized service processes in more than 50 countries locally on site, ensuring the availability and sustainable value of their investments after commissioning. The Swiss company Komax Wire is part of the globally operating Komax Group with about 1,500 employees.



Market segments

Komax Wire offers outstanding competence and solutions for various areas of application and draws on them to generate the desired value-added for the entire process and optimize economic efficiency in line with customer requirements. The main markets of Komax Wire are as follows: automotive, aerospace, industrial and telecom & datacom. With this breadth of experience, customers obtain expert knowledge for process optimization and access to the latest technologies.



Komax AG
Industriestrasse 6
6036 Dierikon, Switzerland
Phone +41 41 455 04 55
Fax +41 41 450 15 79

komax WIRE
komaxwire.com