



MICROFORCE 70

quality tools



komax

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 mm² AWG 22–10
Operating voltage	24 VDC
Power 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

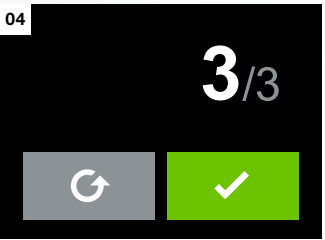
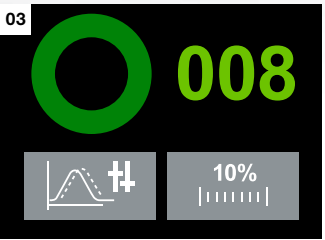
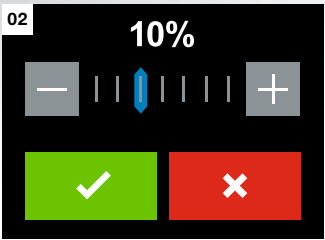
With proven functional technology, the frame sensor delivers maximum reliability and is highly robust in operation. With just one single fastening screw the sensor can be mounted quick and easy. It can be used with great flexibility on nearly all crimpers and fully automatic wire processing machines.

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.



- 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 – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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