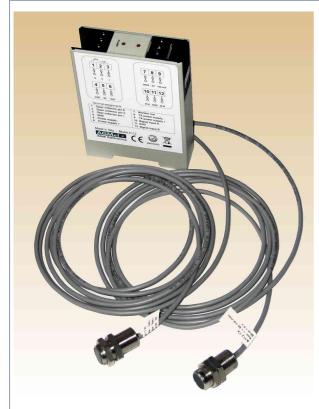
AGM Elettronica A112

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Monitoring system for detecting break of ultra fine wire



Description

The photoelectric sensor model A112 allows to realize a system for detecting breaks of thin wires from 10 µm in diameter, with a detection range greater than 50 cm.

The A112 produces these results without the use of laser technology, allowing high immunity to vibration and a secure alignment between receiver and transmitter.

To facilitate the alignment is present a monitoring output of the level of the carrier signal

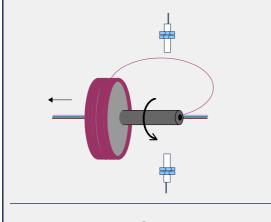
For applications that require the counting of the wires is available a model with a digital output.

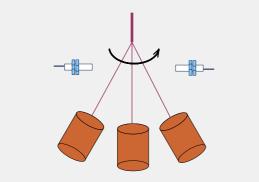
Applications

Detection of

- cotton wires
- thin wires
- uncoated optical fibers
- transparent wires

Typical applications





Technical specifications

Detection mode through beam Power supply 12 ÷ 27 V DC

PNP or NPN, Open collector Output

Dimensions 75 X 22,5 X 100 mm

Size (sensor) M13 X 31 mm Output delay adjustable 0,2 ÷ 4 s

Max frequency 2 kHz

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