



Description

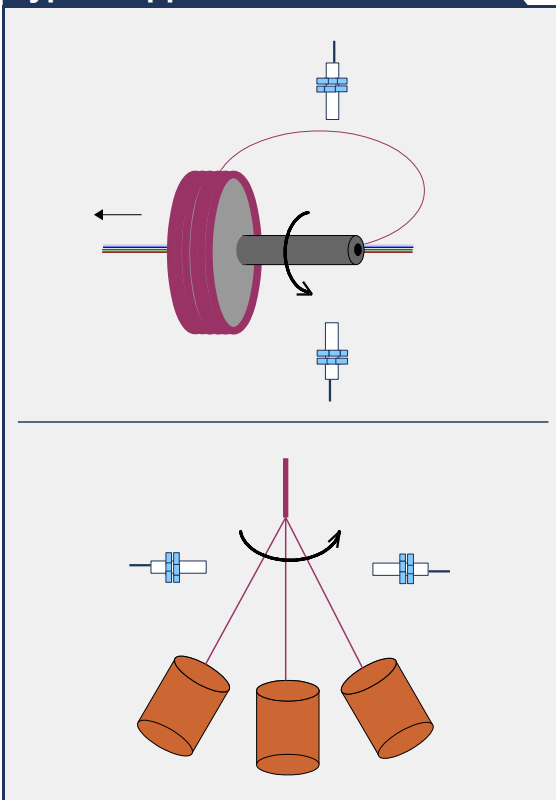
The photoelectric sensor model A112 allows to realize a system for detecting breaks of thin wires from 10 μm in diameter, with a detection range greater than 50 cm.

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.

Typical applications



Applications

Detection of

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

Technical specifications

Detection mode	through beam
Power supply	12 ÷ 27 V DC
Output	PNP or NPN, Open collector
Dimensions	75 X 22,5 X 100 mm
Size (sensor)	M13 X 31 mm
Output delay	0,2 ÷ 4 s
Max frequency	2 kHz