

# Magnetic quick connector

## Model magWIK

WIKA data sheet AC 80.15

### Applications

- Configuration of all WIKA temperature transmitters
- For accelerated connection for all configuration and calibration processes

### Special features

- Replacement for crocodile clips and HART® terminals
- The simplest and fastest electrical connection
- Safe and secure electrical connection
- Screws no longer needed
- Immense time saving



Model magWIK magnetic quick connector

### Description

With the patented magWIK magnetic quick connector, all WIKA temperature transmitters can be safely and securely connected in the shortest of times without having to unscrew and screw in the terminals.

With the “magnetic coupling”, both legs of the magWIK are connected. Thus, the plus and minus terminals of the transmitters can be very easily, quickly and simultaneously connected. Through the possible separation of the legs, the possible uses are even more flexible.

The magWIK consists of an unbreakable insulation and is designed for the connection of 2 mm plug contacts or, with adapter, for standard 4 mm plug contacts. It can basically be used with all magnetic screws and grommets.

## Specifications

Specifications	Model magWIK
Max. rated voltage	DC 60 V
Max. current	2 A (nominal 1 A)
Socket diameter	2 mm, plug connection Option: 4 mm
Length per leg	30 x 25 mm
Colour	Black
RoHS compliant	Yes
Weight	9 g
Version	Magnetic
Max. temperature	80 °C
Initial/final force N (8 N total)	4 N per leg
Contact resistance (tested at 21 °C, flat surface)	max. 0.1 Ω
Mating cycles (2 mm, plug connection)	10,000

## Overview order numbers

Model	Order number
Magnetic quick connector, model magWIK (Ø 2 mm plug connection) incl. adapter (for Ø 4 mm plug connection)	14026893

## Application example



## Patents, property rights

Magnetic quick connector model magWIK, registered under No. DE 102009044676.1

## Ordering information

To order the described product the order number is sufficient.

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