

## Features

- 2 Pin
- Female
- Black
- Quick connect/disconnect.
- Used in charging interfaces (phones, wearables), modular accessories, medical devices, industrial equipment, and consumer electronics where quick connect/disconnect and reliable alignment are required.

## RS PRO Magnetic Connectors

RS Stock No.: 0840782



Image for representational purposes only.

RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

*RS Pro Magnetic connectors are designed for applications requiring reliable, easy-to-use electrical connections. Their self-aligning magnetic interface makes them ideal for charging consumer devices such as smartphones, tablets, and wearables. In industrial settings, they support equipment that needs frequent connection and disconnection, reducing wear and improving efficiency. They are also suitable for medical devices, where quick release and ease of cleaning are important. In modular systems like lighting and electronic accessories, RS Pro Magnetic connectors enable flexible configurations. Their breakaway capability helps prevent damage from accidental cable pulls, enhancing safety and extending product lifespan.*

## General Specifications

|                    |                                |
|--------------------|--------------------------------|
| Number of Contacts | 2                              |
| Housing Material   | PA46 with 30% glass fibre fill |
| Contact Material   | Copper                         |
| Contact Plating    | Gold                           |
| Gender             | Female                         |
| Mating Type        | Magnetic                       |
| Body Orientation   | Straight                       |
| Colour             | Black                          |

## Electrical Specifications

|                |    |
|----------------|----|
| Current Rating | 1A |
|----------------|----|

## Operation Environment Specifications

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -10°C to 60°C |
|-----------------------|---------------|

## Mating Half

|                                         |         |
|-----------------------------------------|---------|
| Male Magnetic Connector, 80cm connector | 0840783 |
| Connector Kit (Both parts)              |         |

## Approvals

|              |            |
|--------------|------------|
| Declarations | RoHS/REACH |
|--------------|------------|

