Safety notes

Installation and startup
The rotary sensor is to be placed in service only by technical personnel under observance of all relevant safety regulations. Non-observance of the installation instructions will void any warranty or liability claims.

All personal protection measures in case of a transducer defect or failure must be taken before startup.

Electrical connections
The specified supply voltage is to be applied only at the terminals provided. Non-observance of the pin configuration will result in destruction of the device and loss of warranty.

Further Information
For further information relating to installation and properties of this product and on available add-on items see also the corresponding data sheet. These can be downloaded under www.novotechnik.de (left-click on “downloads”) and are available also from your local representative.

For worldwide contact details, please visit our website and left-click on “contact”.

RFA 40xx dimensions

Code -40x
Wire output type code -40x

Pin type code -501

A
operating range
position marker

Basically; the Sensor is sensitive against ferromagnetic parts in close proximity and DC magnetic fields.

To reduce influences from external magnetic fields and ferromagnetic materials, the distance between the magnet and the Sensor should be kept small, refer to allowed operating ranges.

Only Magnets being approved by Novotechnik may be used!

Operating ranges Position markers:
Z-RFC-P03: A = 1,0...3,5 mm
Z-RFC-P04: A = 2,5...6 mm

Definition of center position:

Cable version
View on active side!

Pin version
Solder Pins not visible on back side!

Examples for position markers:

Z-RFC-P03
Z-RFC-P04
**Installation Instructions**

The operating range of the position marker must not be exceeded!
This is valid for example “B” also!
For best centering of sensor to position marker use centering
diameter of the sensor housing or use 2 opposite 4mm holes for pin centering!
Using M4 screws, the max. tightening torque is **150 Ncm**.