



Fig.1 Remote transmitter for F I Gardex

Application

The remote transmitter is an inductive absolute encoder.

The pointer position of the F I Gardex is transmitted by a coupling fork to a rotatable magnet. Its orientation is detected by a programmable sensor with a resolution of 14 bit and supplied as an output signal from 4 to 20 mA.

The angel transmitter will be delivered completely factory-adjusted, prewired and mounted.

Technical specification

Operating voltage U_b:	12 – 36 V DC
Power consumption:	< 0,2 W (load free output)
Accuracy:	± 1%
Temperature correction value:	< 50 ppm / °C
Output signal:	4 – 20 mA
Load resistance:	max. 300 Ω ($U_b = 24V$) max. 50 Ω ($U_b = 12V$)
Operating temperature:	-20 ... +70 °C
Storage temperature:	-20 ... +70 °C

Electrical connection

The prewiring of the angel transmitter to the plug-in connector is factory-set.

For connection details of the plug-in connector please refer to the following wiring diagram:

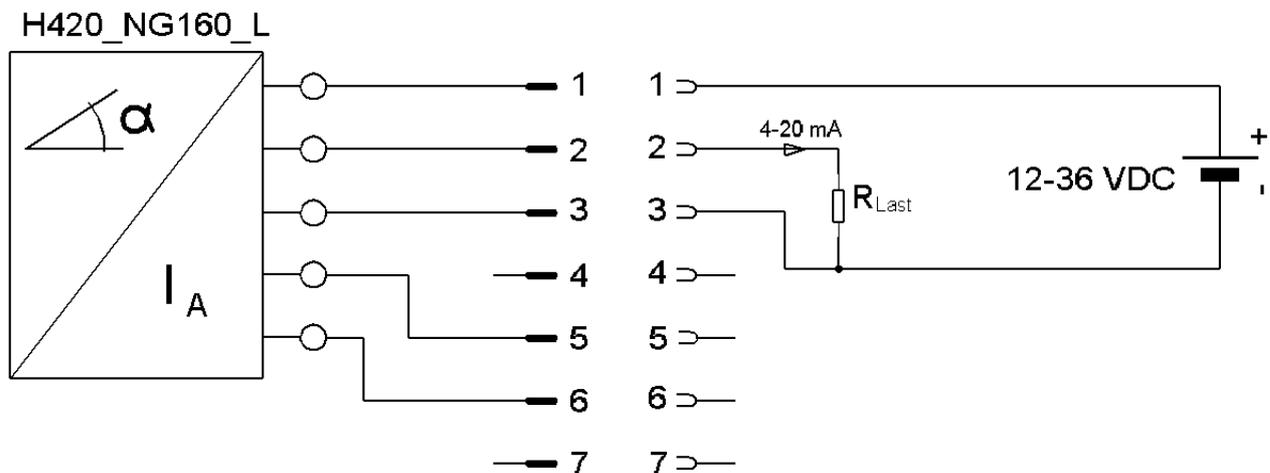


Fig.2 Wiring diagramm for the remote transmitter