

Installation and maintenance guidelines

SETUP AND WIRING

The installation of the KST absolute sensor must be carried out by qualified staff, in compliance with the safety standards in force. Before wiring, the machine must be mandatorily disconnected from the power supply. For correct installation, provide operating temperatures ranging from -20° C to + 70° C. The sensor is not suitable for use in potentially explosive environments.

Acids, oils and solvents can cause wear to the appliance; avoid using oils or greases to lubricate any part of the product.

Wiring must be executed sticking to the letter of the machine's wiring diagram.

Once installation is completed, check the correct working of the sensor and the machine.

Installation steps:

- Disconnect the machine from the power supply
- Firmly secure the sensor by means of the appropriate fixing screw
- Strip the cable for the electrical connection, then wire the connector and connect it to the sensor
- After restoring voltage to the machine, check the correct operation of the sensor and the machine

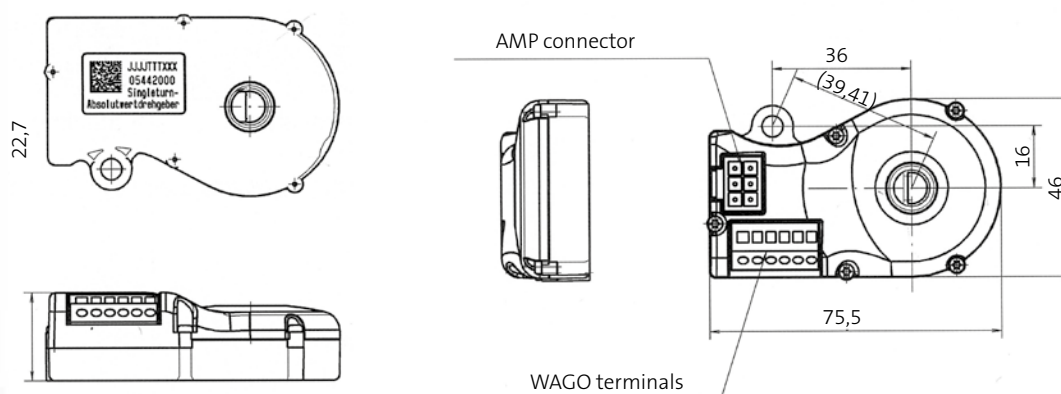
Servicing operations:

- Disconnect the machine from the power supply
- Check the conditions of the wiring system
- Check the correct drive system and axiality
- Check the envelope integrity

Safety

Safety level	Level C Cat. 2 according to EN 13849-1
Safety level of software	Class B according to EN 60730-1 / EN 60335-1
MTTF value	109,9 years
DC	>= 90.0%
CCF	68 according to EN ISO 849-1 Annex F

Dimensions



RAVIOLI S.p.a. declines any liability for damage resulting from incorrect installation or improper use of the product.