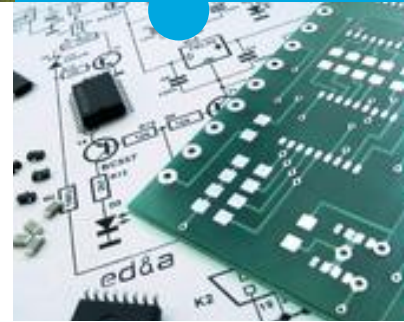




The
power to
control

Custom-made controllers

Cow brush controller



Project description

A cow brush is used to keep cows clean and improve their general well-being in the barn. It has been scientifically proven that a happy cow produces more milk.

E.D.&A. has developed a new controller with a gravity sensor. This sensor issues a signal that depends on the acceleration and movement of the component.

Intelligent software ensures that the new controller can be used for all of our customer's cow brush types without having to make mechanical adjustments to the PCB.

The high ambient temperature was an additional challenge (the printed circuit is mounted on the motor in a small closed housing). The printed circuit is protected against overheating using a temperature sensor and software.

Customer

Organisation that specializes in the development and production of machines for the agricultural and horticultural sector.

Characteristics

- measurement principle: gravity and acceleration
- power supply: 230V AC
- dimensions: 110 x 65 mm
- protection against overheating using software and temperature sensor



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