

MN4020 in sugar transport pipe



The challenge

The company, which has the application challenge, is an agro-industrial organization dedicated to the processing of sugar cane for the production of sugar and electric energy.

Currently it is the main producer in the Central American region and is positioned among the most important producer groups in Latin America.

In order to transport the ready sugar in pipes, it was necessary to control critical points of material flow

interruption and the level of blockage. For this application it was crucial to be able to detect a material from 490 g/l. The probe has to comply with the food requirements due to direct contact with the end product and mainly had the short process probe to be installed in a 5" pipe.

Our solution

To comply with all requirements of this case, the Mononivo probe 4000 Series was the perfect solution, adjusted to a sensitivity of 300 g/l, process material made of food grade stainless steel, short probe length of 130mm and quick response time. This solution had all requested features to provide the safe control of eight different blockage level points in the transport pipes.



Products



MN 4020

Full, demand, empty detector

Short version

- Vertical, horizontal and oblique installation
- Extremely compact - from 160mm shaft length available
- Suitable for use within storage and process vessels
- High sensitivity, adjustable in four levels