

Contents- and level-visualisation in plastic granulate

The Challenge



A worldwide renowned toy supplier requested a complete level control system at his plant in Malta. The granulate will be delivered in bagpack and filled into the silos by a pressure conveying system. The filling process to be controlled with a reliable full detector and triggered by an acoustic signal. Above into the level of material should be monitored during the filling process. The company searched for a concrete solution with a measurement system to be accessible via Ethernet from every connected PC. The chosen installation and set-up should be done by IWT.

Our Solution

The rotating paddle switch POTOSINO PND302 provides a reliable full detection in this application. The extension can be configured flexible depending on the mounting situation and the angle of access. Our electromechanical system NIVOLOC NED300 is the perfect addition as level control unit. The Modbus RTU interface is integrated in the NED300 as standard. Thus, the units can be visualized at our NIVOLOC NT300 via industrial LAN. IWT offered an effective and innovative all-in-one solution.

