

New Product Applications

Float Switches

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Customer

A large German engineering company which manufactures a wide range of materials handling equipment used in factory, warehouse and many logistics applications. Used by industry and hire companies, the products are designed to be durable, rugged and capable of withstanding considerable misuse and neglect.

Application

Fuel level sensing. Although the diesel engines used in the trucks are very efficient, fuel level sensing had not in the past been deemed necessary. However, these days sees such equipment being used 24/7, particularly in distribution applications, and a low fuel level warning was being asked for by customers.

Product

There were a number of design considerations to be taken into account which included restricted switch fitting space and the long and shallow profile of the fuel tank.

There was no need to provide continuous level sensing on a product which is very competitively priced, so a low level switch connected to a light on the truck's dash was quite adequate for the users' needs. Rochester Sensors is well established in providing engineered level switching products and suggested this very compact yet rugged solution. An integrated moulded cap containing the electrical terminals completed the float switch.

Rochester Sensors is very pleased to be supplying such a high profile and prestigious company with a custom designed product. This is one more in a long list of application based products which Rochester Sensors has designed and put into production.

