

Monitor and Alarm for fuel tank level

Need:

The last link of the production chain of Renault Argentina SA, is the fuel island, where vehicles are loaded with a minimum of fuel to be able to transport them to the storage ground, on its own power.

The fuel tank level that feeds the fuel pumps, must be permanently monitored, and an alarm must be sent to maintenance personnel whenever the level reaches a critical minimum, which indicates the need for an immediate replacement.



Equipments



EXEMYS - KIBE

Solution:

The Renault plant has an Industrial LAN, then a decision was made to use an Exemys product of the family of supervision via network, and in this particular case, the KIBE.

The KIBE is prepared to receive alarms, through its dry digital contact, and send one or more e-mails to previously configured with predetermined messages. This way, the level meter of the tank was connected to an alarm input in KIBE. When the level reaches a minimum, the dry contact closes and the KIBE starts sending e-mails to different maintenance people, indicating the event.

Thanks to these alarm warnings sent by KIBE, the fuel tank never empties and the production chain never loses its last link.

