

Produkte

Development & Technology
for Automation and Industry

- ⇒ Sensorik
- ⇒ SPS Steuerungen
- ⇒ Visualisierung - SCADA
- ⇒ Sicherheit
- ⇒ Module
- ⇒ Motion control
- ⇒ Kamera Kontrollsysteme
- ⇒ Displays
- ⇒ Audiokomponenten
- ⇒ Transponder

Produkte

Sport & Fun
for Wintersport

- ⇒ Absicherung
- ⇒ Stangen
- ⇒ Schutzmatten
- ⇒ Beschilderung
- ⇒ Rettung
- ⇒ Gummiböden
- ⇒ Gegensprechanlagen
- ⇒ Displays
- ⇒ Wechsellautomaten
- ⇒ Beschallung

Hydrogen detector test system

The device was developed especially for testing mobile hydrogen detectors.

The mobile detector will be inserted in a closed box. In these it will be injected a certain concentration of hydrogen, which is generated by splitting distilled water in the elements hydrogen and oxygen.



A microphone recognizes the alarm status of the inserted detector and finds out if the alarm was triggered correctly by analyzing the devices audio signal. In this way the test will be concluded as successful or failed. Every successful test will be logged in a database. If the check fails, the user can eventually create a comment by using the software keyboard and quit the test as successful.



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