

# Hydrogen Let-down Panel

## for Buses



### Designed for Success



With the current global focus on climate change and emissions control, many of our automotive customers are looking for control systems for alternative fuel supplies for their buses, trucks and cars. With a range of regulators, valves and the ability to design and manufacture customer solutions in-house, TESCOM is well-placed to meet all of their needs.

- Turn Key Solutions
- Proven product safety and quality
- Long service life
- Documentation and test reports

TESCOM is an experienced provider of custom solutions using both gases and liquids as media.

We can design and build custom manifolds and panels to either a customer specific layout requirement or suggest suitable layout alternatives based on our extensive knowledge.

*See reverse for application information.*



Working closely with our customer we designed a bespoke panel to fit into an existing engine roof-mounted space, close to the H<sub>2</sub> supply cylinders. The panel is used to control the supply pressure of H<sub>2</sub> for alternative fuel buses. It incorporates a pre-filter, pressure regulator and solenoid valves for remote shut-down of the system.

The design included full 2-D design of the proposed panel for customer approval and in-house proof and function testing prior to supply.



## Application Parameters

- Working pressure range: up to 300 bar / 4500 PSIG
- Test pressure: 415 bar / 6200 PSIG
- Medium: Hydrogen
- Controls: Manual and computerised from on-board computer

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