

# WEH<sup>®</sup> H<sub>2</sub> 70 MPA BREAKAWAY

Additional **SAFETY** for your car fueling station

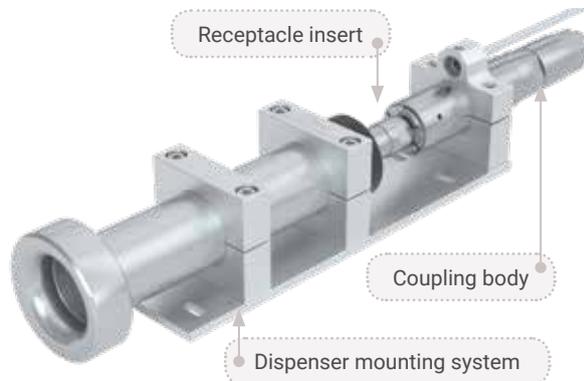
- » Direct installation to the H<sub>2</sub> dispenser  
No additional hose needed
- » Reconnectable without factory  
reservicing after accidental deployment
- » Integrated particle filter (20 micron)
- » Optional: without IR interface cable

WEH<sup>®</sup> TSA1 H<sub>2</sub> 70 MPa

WEH<sup>®</sup> TSA1 H<sub>2</sub> 70 MPa Breakaway Coupling



## » Enhanced safety for hydrogen fueling stations



In the event of accidental deployment by driving a vehicle from a filling station with the nozzle attached to the vehicle fuel port, the TSA1 H<sub>2</sub> 70 MPa will safely separate the connections between dispenser and filling hose. Both ends become instantly sealed, preventing an escape of gas into the atmosphere. But more importantly the whole dispensing system is protected against damage caused by

extreme forces exerted on system components during accidental deployment. Costly station downtime is avoided.

Moreover, the WEH® Breakaway offers additional safety to your dispensing equipment. The TSA1 H<sub>2</sub> 70 MPa is the first hydrogen breakaway with an integrated 20 micron particle filter. This particle filter protects your system from damage caused by dirt particles in the gas flow. The filter cartridge can easily be cleaned and changed for maintenance purposes.

As an additional feature the TSA1 H<sub>2</sub> 70 MPa Breakaway includes a dispenser mounting for direct installation at the dispenser, so that no additional hose is needed.

Immediately after an unexpected separation the coupling can be reattached in minutes without factory servicing after a short inspection by the operator. The system can be restarted immediately thereafter.

The TSA1 H<sub>2</sub> 70 MPa is rated for 700 bar refueling and a separation force of 300 to 600 N and is optionally available without IR cable.

### » Contact

More questions? - Great! Don't hesitate to contact our experts.

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