

# » H<sub>2</sub> PISTOL GRIP FUELLING NOZZLE

for fast filling of cars at self-service stations



WEH<sup>®</sup> TK17 H<sub>2</sub> 70 MPa



powered by  
**EXCELLENCE**

# WEH® TK17 H<sub>2</sub> 70 MPa

## PISTOL GRIP for easier refueling

The WEH® TK17 H<sub>2</sub> 70 MPa Fueling Nozzle looks like a conventional gasoline nozzle. WEH's nozzle for 70 MPa hydrogen has the same components of **already proven fueling nozzles** such as the specific code for gas type and pressure range. It can be operated easily with one hand. There is no simpler way!

**Full 250° rotation** makes for easy engagement with the vehicle's fuel receptacle. The WEH® Fueling Nozzle has also an **integrated interface (IR) for data transfer** between vehicle and fuelling station.

A pressure-tight connection between the nozzle and the vehicle receptacle ensures that the hydrogen can only flow through the line if there is a safe connection. The product was designed specifically to customers' requirements.

### Safety

The WEH® TK17 H<sub>2</sub> 70 MPa offers high safety standards to its operator. The nozzle remains securely connected to the receptacle until the gas is depressurized.

Integrated interface for data transfer acc. to SAE J2601

Coding for pressure range and gas type

WEH® Receptacle TN1 H<sub>2</sub> 70 MPa

Plastic thermal protection

Data cable / IR Interface

WEH® EASY-TURN swivel joint approx. 250°

Ergonomic actuation lever

Locking lever

WEH® Jaw Locking Mechanism

### TECHNICAL DATA

- |                       |  |
|-----------------------|--|
| 1. Application:       | H <sub>2</sub> fast filling of cars at self-service fueling stations.                      |
| 2. Pressure range:    | PN = 70 MPa (10,000 psi / 700 bar)<br>PS = 87.5 MPa (875 bar)<br>PT = 125.5 MPa (1255 bar) |
| 3. Temperature range: | -40 °F up to +185 °F (-40 °C up to +85 °C)   |
| 4. Registration:      | Fuelling Nozzle:<br>SAE J2600, SAE J2601, KHK<br>IR data interface:<br>ATEX or NEC         |



Usability



Quality



Safety



Efficiency



Easy to maintain



Longevity

## ACCESSORIES

Dispenser mountings for safe attachment of the fueling nozzle an high pressure filling hoses in various lengths are available as accessories. **Please ask for the lengths needed!**



WEH® TK17 H<sub>2</sub> 70 MPa  
with dispenser mounting



Nozzle hose assembly:  
WEH® TK17 H<sub>2</sub> 70 MPa with filling hose and  
WEH® TSA1 H<sub>2</sub> 70 MPa Breakaway Coupling incl. dispenser mounting

## APPLICATION



WEH® Nozzle hose assembly



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



WEH® TK17 H<sub>2</sub> 70 MPa with dispenser mounting

### » Contact

For questions and further information, please do not hesitate to contact us.

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