

# » 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 refuelling

The WEH® TK17 H<sub>2</sub> 70 MPa Fuelling Nozzle looks like a conventional gasoline nozzle. WEH's nozzle for 70 MPa hydrogen has the same components of **already proven fuelling 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® Fuelling 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.



### TECHNICAL DATA

- |                       |  |
|-----------------------|--|
| 1. Application:       | H <sub>2</sub> fast filling of cars at self-service fuelling stations.             |
| 2. Pressure range:    | PN = 70 MPa (700 bar)<br>PS = 87.5 MPa (875 bar)<br>PT = 125.5 MPa (1255 bar)      |
| 3. Temperature range: | -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 fuelling nozzle and 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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