

Fuelling Nozzle

Type **TK17 H**₂ **70 MPa** with data interface

Patented fuelling nozzle TK17 H_2 70 MPa with data interface for H_2 fast filling at self-serve fuelling stations (DN 4 mm)

Features:

- Super light
- WEH-EASY-TURN[®] swivel joint about 300° for operating handle
- Extremely high flow rate
 → short filling times
- WEH-Jaw locking mechanism
- Integrated shut-off valve
- Compact design
- Jaw coding will <u>not</u> allow connection to natural gas vehicles or other alternative fuel connections
- Integrated interface for data transfer acc. to SAE J2601
- Two different versions available:
 - acc. to SAE J2600 Draft WEH
 - acc. to SAE TIR J2799 interface + SAE J2600

Pressure range / coding

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		Nozzle			
		250	350	700	
Jg		bar	bar	bar	
Pressure range / coding	le 250 bar	х			
e range	Receptacle 350 bar	x	х		
Pressur	R 700 bar	x	х	х	

X = Connection is possible

Safety

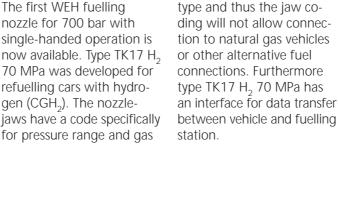
The TK17 H_2 70 MPa offers optimum safety to the operator. The fuelling nozzle remains connected to the receptacle until the gas between inlet valve and receptacle is depressurized. Type TK17 H_2 70 MPa works best with the WEH-TN1 H_2 70 MPa receptacle. A mounting for the TK17 H₂ 70 MPa nozzle is available on request, please contact WEH directly.

For further information on the filling hoses refer to page 36 of catalogue No. 50.



TK17 H₂ 70 MPa + mounting





The integrated swivel joint can easily be turned into the optimal actuating position despite the rigid fuel hoses.



WEH – Your H₂-Connection



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Technical Data:

Application:

 H_2 fast filling of cars at selfserve fuelling stations. Fuelling nozzle type TK17 H_2 70 MPa designed to be used with receptacle WEH-TN1 H_2 70 MPa.

Temperature range:

-40°C up to +85°C

Pressure ranges:

PN = 700 bar PS = 875 bar PT = 1255 bar

Registration:

PED97/23/EC: CE 0036 SAE J2600 SAE TIR J2799 SAE J2601

Design:

All parts corrosion-resistant, with plastic thermal protection, without vent pipe and dispenser mounting with hose venting. Seals hydrogen compatible.



Type TK17 $\rm H_2$ 70 MPa with data interface

Ordering:

Inlet port 'B' available with other thread sizes on request.

Description	Inlet B	Part No.
TK17 H_2 70 MPa with data interface (Registration acc. to SAE TIR J2799 interface and SAE J2600)	UNF 9/16" -18* external thread	C1-84107
TK17 H ₂ 70 MPa with data interface (Registration acc. to SAE 2600 Draft WEH)	UNF 9/16" -18* external thread	C1-73570
Mounting (switch actuated)		C1-79830

* 60° inner cone (Please contact us!)

Manufacturer: WEH GmbH Gas Technology

Siemensstraße 5 89257 Illertissen/Germany

Phone: +49 7303 95190-0 Fax: +49 7303 95190-9999 Email: sales@weh.com http://www.weh.com

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Dimensions (mm):