

Type TN5 H₂

Receptacle with coding for hydrogen (DN 12 mm)

The type TN5 receptacle is designed specifically for bus and truck refuelling. Due to the sleek, internal aerodynamic design the TN5 receptacle gives low noise (no high frequency whistle) combined with maximum flow rate and quick filling.

The TN5 receptacle is a very durable unit, minimizing maintenance and down-time. The WEH TN5 receptacle has an integrated check valve system designed to minimize the effect that dirt particles have on the sealing components within the receptacle.

There is no high frequency chatter during refuelling with TN5 receptacle!

Features:

- Integrated non-contact high-flow check valve
- Sealing-friendly design
- Reduces chatter during filling
- Two different pressure ranges 250 bar or 350 bar
- Receptacle coding will not allow connection to natural gas refuelling stations
- For testing purposes operating pressure up to max. 450 bar
- TÜV-Approval for hydrogen
- Optional, integrated particle filter (50 micron)



Type TN5 with 250 bar coding

Pressure range / coding

Pressure range / coding	Nozzle	
	250 bar	350 bar
Receptacle 250 bar	X	
Receptacle 350 bar	X	X

X = Connection is possible

Date: 08/09
Rev.: 2004/02/00163-3-3

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Technical Data:

Application:

Receptacle for filling of buses and trucks with gaseous hydrogen.

Temperature range:

-40°C up to +85°C

Function tested:

100,000 cycles

Pressure ranges:

According to the coding

Pressure range 250 bar:

PN = 250

PS = 350

PT = 525

Pressure range 350 bar:

PN = 350 bar

PS = 450 bar

PT = 675 bar

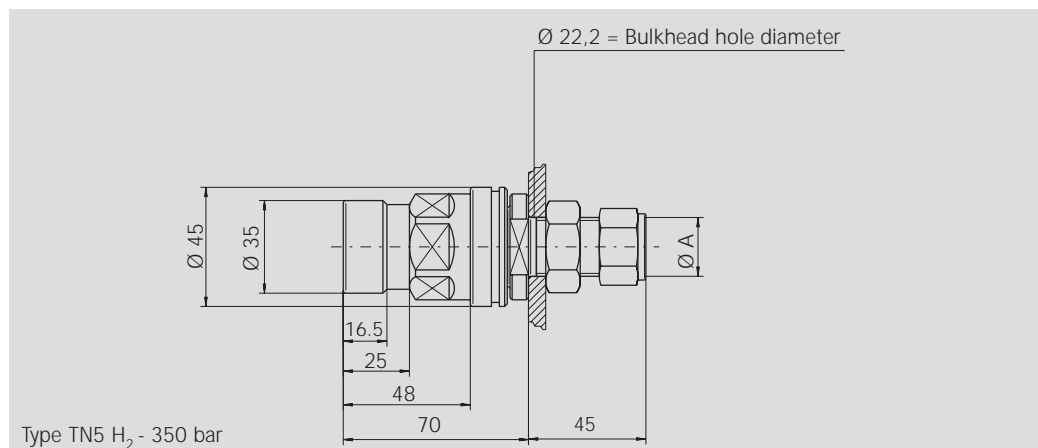
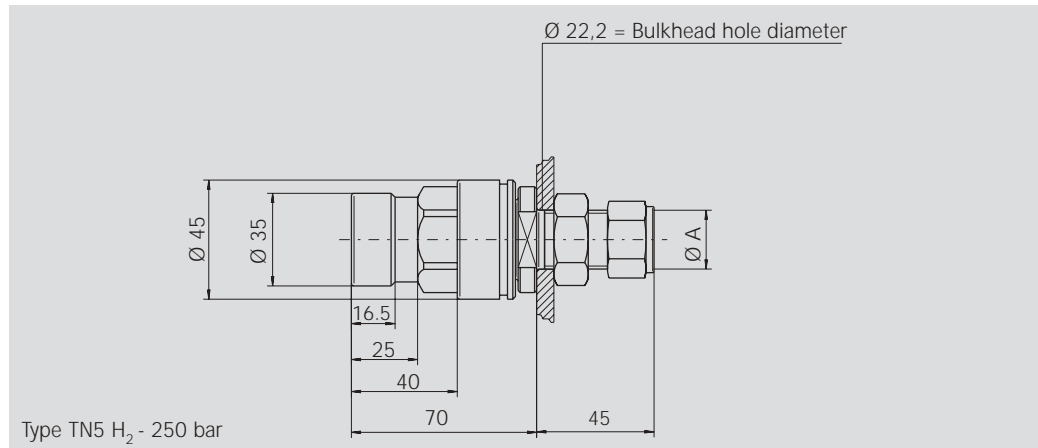
Design:

All parts corrosion-resistant steel, with dust protection cap. Seals hydrogen compatible.

Registration:

PED 97/23/EC: CE 0036

Dimensions (mm):



Ordering:

Manufacturer:

WEH GmbH

Gas Technology

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Description	Pressure range	Inlet A* (mm)	Part No.
TN5 incl. particle filter	250 bar	Tube Ø 16	C1-19135
TN5 incl. particle filter	350 bar	Tube Ø 16	C1-19136

* Twin ferrule fitting unless other wise specified!