

Type **TS55 CNG**

Fuelling System

for installation in buses and trucks



General

DESCRIPTION



Features

- Integrated WEH® TN5 CNG receptacle without filter
- Handy cap
- Dirt and splash waterproof construction
- No danger of freezing
- Option: starter cut-off switch

A WEH® Fuelling system for refuelling buses and trucks is also available. The TS55 CNG consists of a fully assembled housing with an integrated large receptacle and enables easy retrofitting of buses and trucks to compressed natural gas. The converted vehicle can be easily refuelled from the outside by simply removing the fuel tank cap and connecting the nozzle to the receptacle. Then refuelling can start.

The integrated WEH® TN5 CNG receptacle ensures rapid filling with a high flow rate and reduced noise during refuelling. The fuelling system consists of two preinstalled housings for mounting into the vehicle.

Conversion:

When retrofitting buses and trucks to natural gas, the TS55 CNG fuelling system is installed into the vehicle body panel. For this, the panel needs an appropriate aperture for installation in which the TS55 CNG fuelling system can be easily inserted. The installer will find this system significantly easier than receptacle installation in the engine compartment.

Application

Fuelling system for installation in buses and trucks.

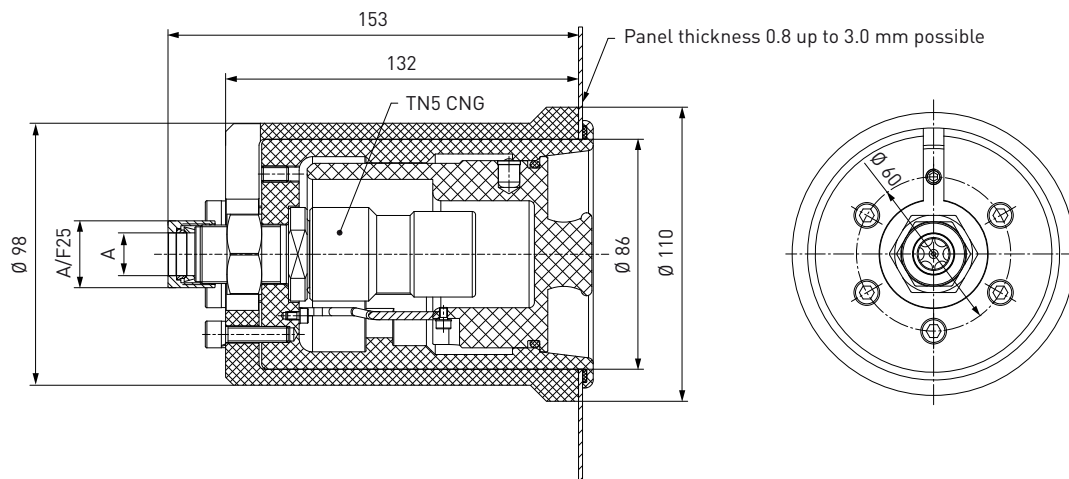
TECHNICAL DATA

Characteristic	Basic version	Options
Nominal bore DN	12 mm	On request
Pressure range	PN = 200 bar (3,000 psi) PS = 260 bar PT = 390 bar (ECE)	
Temperature range	-40 °C up to +120 °C (-40 °F up to +248 °F)	On request
Material	Housing: plastic Receptacle: corrosion resistant	On request
Sealing material	Natural gas compatible	On request
Design	Incl. TN5 CNG receptacle without filter, fuel tank cap and fittings	TN5 CNG receptacle with filter With starter cut-off micro switch (protection type IP67)
Registration	E1 110R-000007 (TN5 CNG)	

Ordering

ORDERING | Fuelling system TS55 CNG

approx. dimensions (mm)



Part No.	Description	Pressure (PN)	Connection A
C1-62854	TS55 CNG	200 bar / 3,000 psi	Tube Ø 16*
C1-62690	TS55 CNG with starter cut-off switch	200 bar / 3,000 psi	Tube Ø 16*

* double ferrule fitting

Other connection sizes and version on request.

SPARE PARTS

Various parts are available as spares for type TS55 CNG:



Part No.	Description
W84958	1 Fuel tank cap

Other products

OTHER PRODUCTS

You will find more products in our current catalogue no. 15



Further information on our homepage
www.weh.com

© All rights reserved, WEH GmbH 2013. Any unauthorized use is strictly forbidden. Subject to alteration. No liability will be assumed for any content. Herewith previous versions are no longer valid.

» Contacting

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

Manufacturer:

WEH GmbH Gas Technology

Josef-Henle-Str. 1
89257 Illertissen / Germany

Phone: +49 7303 95190-0

Fax: +49 7303 95190-9999

eMail: ngvsales@weh.com

www.weh.com