

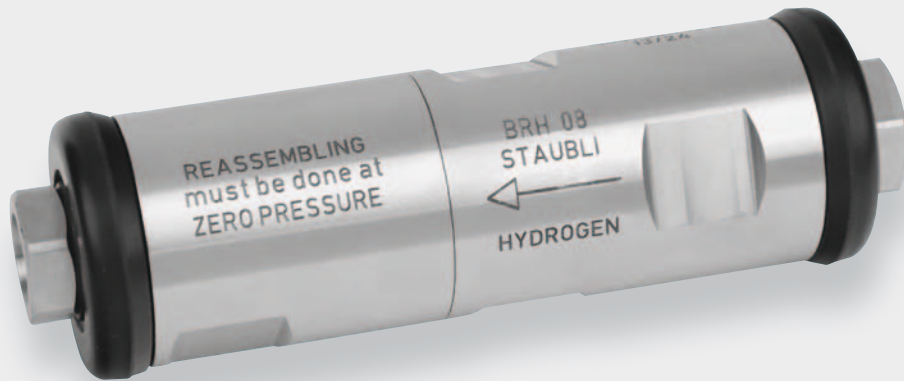
FAST MOVING TECHNOLOGY

STÄUBLI

BRH 08 break-away coupling

Hydrogen Fuel Cell Electric Vehicles





Protection of the refueling line for electric vehicles powered by hydrogen fuel cells.

Designed to be incorporated in environments in accordance with directives 2014/34/EU (ATEX) and 2014/68/EU.

The break-away system ensures immediate disconnection and automatic shut-off of the circuit if the supply hose is pulled.

Protection for the installation and its users

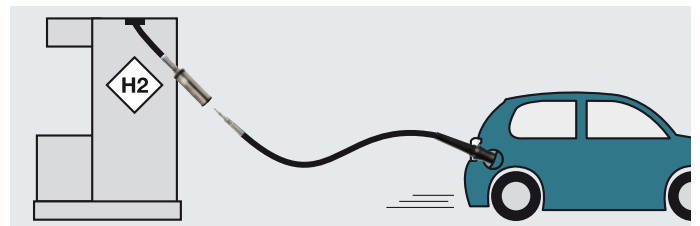
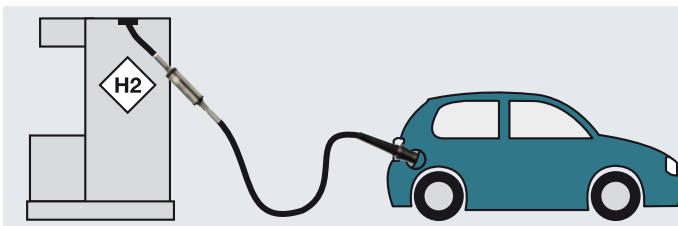
- Disconnection force specifically configured to prevent accidental disconnection and maintain the integrity of the dispenser and the vehicle.
- Automatic shut-off of the gas distribution circuit on disconnection: prevents gas being released into the atmosphere (dispenser side).
- Immediate disconnection irrespective of the pressure in the hose.

Easy to install and use

- Quick and easy to reconnect using the special reconnection tool.

Efficiency

As there is no risk of accidental disconnection, prolonged stoppages of installations following unexpected hose pullouts are prevented and their efficiency is maintained.



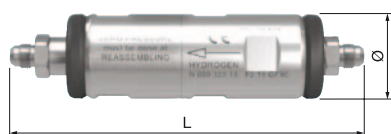


Technical data

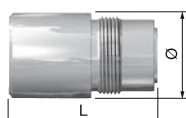
Disconnection force on line (lbf)	between 50 and 150
Possible number of disconnections at 6353 bar of H ₂	20
Maximum allowable pressure PS (psi)	6352
Minimum and maximum allowable temperatures TS (°F)	- 40 to + 185

Part numbers

Function and thread	Fitting	Dimensions (in.)		Part numbers
		L	Ø	
Male thread	UNF 9/16-18 JIC 37°	7.64	1.87	N00932315



Reconnection tool



3.19	1.87	S00948615
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