



H2-Z003R11
H2 Filling station

The H2 filling station enables the refueling of gaseous hydrogen from up to 4 different H2 storage tanks (cylinder bundles). The filling process is simple and uncomplicated, it can be started quickly and runs automatically. Depending on the pre-pressure in the H2 storage tanks, a vehicle can be refueled up to a maximum of 300 bar.



The actual product may differ slightly from the image.

Standard version

- Paint: blue-anthracite

Special features

- Gas type: H2

Advantages & functions

General information:

- Compliant with SAE J2601-4, ISO 19880-1, ISO 14687, DIL0 manufacturer specifications
- Electronic Control Interface: Siemens Touchscreen

Electrical data:

- Electrical connecting cable: $\geq 1,5$ mm² (AWG 15)
- Cable with plug 16 A
- Type of plug: AC/ 3-phase

Pressure sensors:

- Measuring range: 0 - 400 bar

Connection to the vehicle:

- 1x 3 m Hose with connection couplings to the vehicle TK16-H35. (Hose lengths and connection couplings can be specified individually)

Gas supply:

- 4x hydrogen bundles, max. pressure 300 bar (gas and gas cylinders not included in the scope of delivery)

Technical data

| | |
|------------------------|-----------------------------|
| Dimensions (W x H x D) | 1,200 x 2,280 x 800 mm |
| Weight | 250 kg (empty) |
| Sound level | < 85 dB |
| Ambient temperature | -20 to +40 °C |
| Ambient moisture | < 90 % r. h. non-condensing |
| Protection class | IP 65 |
| Height | 2000 m max. above sea level |
| Operating voltage | 230 V AC |
| Frequency | 50/60 Hz |
| Power | 10 A max. |
| Input voltage | 380 V max. |
| Inlet pressure | 300 bar max. |
| Output pressure | 290 bar max. |
| Pressure | 350 bar max. |

