

WEH GmbH Precision Connectors
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Enhanced safety for oxygen applications - WEH® TW152 Connector with venting bores

Filling medical oxygen places particularly high demands on safety, leak tightness and cleanliness of components. WEH has developed a complete range of connectors for filling, testing, evacuating and transporting gas and oxygen cylinders that meet with these requirements.

The TW152 makes for **easy, efficient and safe filling** of oxygen cylinders and offers ease of operation. Simply place the connector onto the external thread of the cylinder valve and pull the sliding sleeve forward. The split collet design system securely locks onto the standard cylinder thread and the pressure-tight connection is established. Thanks to its **compact design** the TW152 is ideally suited for filling of oxygen cylinders with pressure regulator and protection cap. The connector is optionally available with either inline or 90° media inlet and for cylinder valves with residual pressure valve.

The WEH® TW152 offers **maximum safety** and **numerous benefits** for the operator:

- **Safe connection** – sliding sleeve is locked under pressurized conditions
- Connection in just seconds – **significant timesaving**
- **Increased efficiency** and **reduced costs**
- User-friendly – **protects** against **operator RSI**
- **Stringent safety testing** – subject to adiabatic ignition test and extensive pressure and durability tests
- Optimal cleanliness – **free from oil and grease**, oxygen cleaned

As part of our engineers' efforts to maintain our **Continuous Improvement Programme**, the TW152 has been equipped with a **further safety feature**. All future filling connectors will dispose of **venting bores** in the sliding sleeve for lateral gas venting in case of accidental gas leakage **reducing the risk of spontaneous ignition**.

70,000 connectors in use worldwide

WEH offers a wide range of connectors for gaseous applications. Its products have been successfully established in the international gas industry for many years. They are available for a large variety of gases and gas mixtures, e.g. inert gases, oxygen, nitrogen, propane, acetylene, CO₂, medical gases etc.

A suitable WEH® Connector is available for valve configurations having internal or external threads (with or without a residual pressure valve) or Pin-Index connections corresponding to virtually all national standards, e.g. DIN, CGA, BS, NF, CEN.

Visit our homepage on www.weh.com and convince yourself of our comprehensive range of connectors.

Info:

2.425 charts (incl. spaces)

Enclosure:

1 product picture

General information WEH Company:

For many years the products of WEH have taken root in the international gas industry. The product line ranges from quick connectors for testing, filling, evacuating and transporting of gas cylinders right up to high-performance check valves and linear valves for filling, evacuating and mixing of gases.

WEH[®] connectors save a lot of time, as screwing and unscrewing is no longer necessary. They can be characterised by a quick, leak-tight and safe application. Whether internal or external threads, bores or PIN-Index connections, for each component, a suitable filling connector is available. Worldwide more than 70,000 connectors are in operation.

The WEH experts develop advanced solutions for many applications in close cooperation with customers, which provide evidence of the mature technology of the WEH[®] Components. The latest manufacturing facilities and continuous improvement processes guarantee the highest quality standards. WEH is certified to ISO 9001.

WEH is a global thinking and acting group of companies with more than 150 employees. The products are used in all parts of the world. WEH has an international distribution network and is represented in over 40 countries worldwide.

Picture



z-64091 - WEH® TW152 Connector for filling oxygen cylinders with protection cap

For further questions or pictures please contact:

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