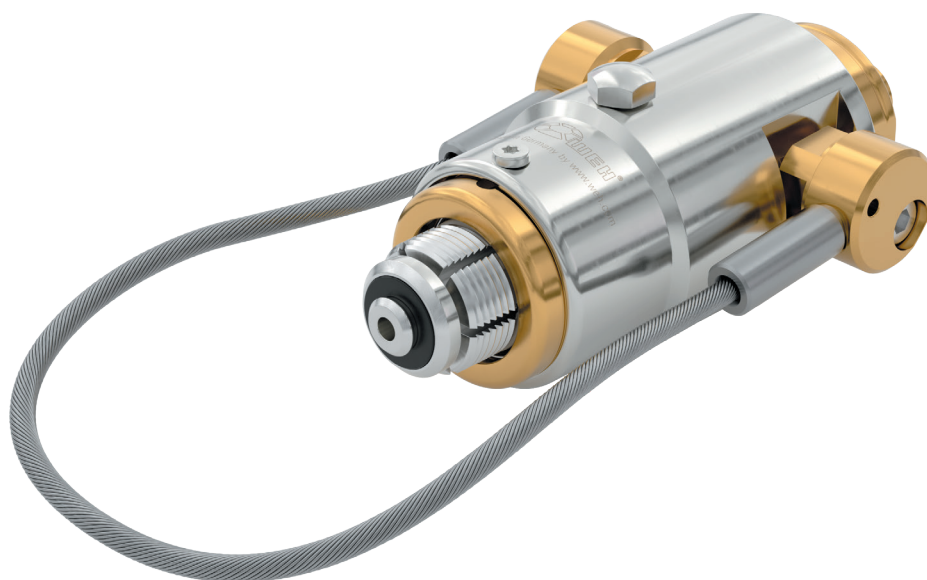


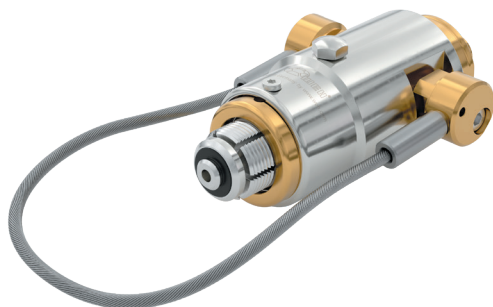
WEH[®] Dive Connector

Quick connector for filling diving cylinders



General

DESCRIPTION


Your benefits

- ✓ **Connect in seconds:** No more time-consuming screwing and unscrewing – connect in less than 5 seconds
- ✓ **Comfortable and easy on the joints:** Minimal effort protects joints and increases comfort during filling
- ✓ **Safe and robust:** Saltwater-resistant and made from oxygen-compatible materials
- ✓ **Proven technology:** Based on the WEH® Clamping system with over 50 years of experience in the filling of technical gases
- ✓ **Durable even under heavy use:** Developed for intensive operation at diving centers and filling stations worldwide

No more screwing.

The WEH® Dive Connector is the perfect addition to your breathing air compressor. With the WEH® Dive Connector, connection takes less than 5 seconds. Specially developed for the diving industry—saltwater resistant and made from oxygen-compatible materials.

An integrated safety mechanism prevents accidental locking under pressure. For added safety, the quick connector is equipped with a cable lock.

Whether for small diving centers or larger facilities, the WEH® Dive Connector is a cost-effective tool for anyone looking to simplify and modernize their processes.

The operation? As simple as it is intuitive.

Insert the adapter loosely into the bottle valve – as soon as you feel the seal engage, flip the lever: done. After filling, simply pull upwards briefly and the quick connector can be removed again effortlessly.

Applications

Quick connector for filling diving cylinders – for direct connection to breathing air compressors and cylinder valves with standard threads, whether on the coast, on boats, or in diving centers worldwide.

Ideal for:

- Dive centers and filling stations
- Diving clubs and schools
- Commercially operated filling facilities
- For robust use in maritime environments

TECHNICAL DATA

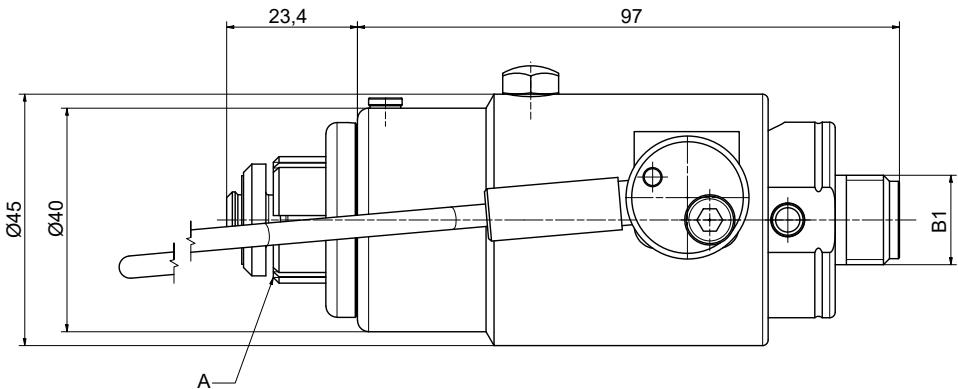
Characteristics	Basic version
Technical nominal size (TNW)	4 mm
Max. allowable operating pressure	PS = 250 bar
Temperature range	+5°C to +60°C
Medium	Breathing air / Enriched Air / Nitrox The use of Enriched Air / Nitrox up to 40% oxygen is only permitted within the framework of the relevant legal regulations.
Connection A (cylinder valve)	G5/8" female thread (DIN 477 / DIN EN ISO 12209)
Inlet B1	Connection connector depending on connection for filling hose
Part materials	Wear-resistant stainless steel, brass
Sealing material	EPDM
Actuation	Manual actuation via rope safety device

* Observe the maximum pressure specifications of the relevant cylinder valve standard. These may be lower than the maximum allowable working pressure for which the WEH® product is designed.

Ordering

ORDERING | WEH[®] Dive Connector with rope safety device

approx. dimensions (mm)



Part no.	Description	Technical nomial size	Pressure PS	A (female thread)	B1 (male thread)
C1-191207	WEH [®] Dive Connector	4 mm	250 bar	G5/8"	M16x1.5

ACCESSORIES

The following accessories are available for the WEH® Dive Connector.

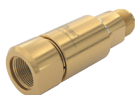


Part no.	Description
E51-90431	Front seal for WEH® Dive Connector

SPARE PARTS

Various parts are available as spares for the WEH® Dive Connector.

WEH® TD1 Swivel Joint



Part no.	Description	Pressure(PS)	Connection
W6996-X01	Swivel joint	420 bar	M16x1,5 male thread with 60° inner cone

Filling hose with integrated swivel joint



Part no.	Description	Pressure(PS)	Connection
E68-32040	Filling hose with UNIMAM connection Length 1.5 m / TNW 5 mm (including TÜV certificate)	425 bar	M16x1,5 female thread

Other hose lengths on request

Connection adaptor



Part no.	Description	Internal diameter	Pressure PS
W50357	For connection to the filling hose M16x1.5 male thread, O-ring with 60° internal cone	Ø2	375 bar
C1-192949	For connection to the filling hose G5/8" female thread, according to DIN EN ISO 12209	-	375 bar
W5465	Connection with Bauer UNIMAM connection, M16x1.5 male thread	-	425 bar

Experience more!

On our landing page, you will find videos, applications, and the direct ordering option.
Discover the landing page now: webh.com/dive



Technical explanations**TECHNICAL EXPLANATIONS****Abbreviations/Definitions**

For explanation of abbreviations, definitions of terms and further explanations, see the applicable Technical Appendix of the corresponding catalog or visit www.weh.com

Illustrations

The illustrations and/or images used in these data sheet are particularly provided for illustrative purposes only and may differ in some details from the actual product. For binding information, please refer to your individual orders.

Safe product selection

Our WEH® Products are designed to be operated by qualified professional users (insofar as WEH® Products are also designed to be operated by other users in individual cases, this is explicitly stated in the corresponding operating instructions). Please note that WEH does not know your system and therefore - also due to the large number of different potential applications of WEH® Products - cannot perform tests on all potential types of application. You alone are responsible for the selection, configuration and suitability of WEH® Products, especially according to the requirements of your system. Before purchasing WEH® Products, please particularly ensure that our products are compatible with your intended use, your performance data, your material and fluids, your system concept and your system limits according to our product specifications. Please also consider your technical and legal requirements for operation, handling and maintenance. The quality and safety of WEH® Products is our highest priority. For this reason, WEH® Products may not be used outside the specifications in the relevant data sheets and product descriptions. If you are not sure whether the WEH® Product is suitable for your system and intended use, please contact us in advance. We also strongly recommend that you refrain from using third-party spare parts or a combination of WEH® Products with unsuitable third-party products. You alone are responsible for reviewing the suitability of third-party products. WEH® Products and WEH® Spare parts comply with our quality and safety standards.

Service life

WEH® Products are generally products which may be subject to wear and fatigue during operation and depending on your individual application/use. For details - in particular regarding the corresponding minimum inspection and maintenance intervals - please refer to the respective operating instructions for the WEH® Product.

Explanation on the Pressure Equipment Directive

These WEH® Products are generally classified as pressure accessories in accordance with Article 2 (5) of the Pressure Equipment Directive 2014/68/EU and are considered to be similar to piping. These WEH® Products may not be used as safety accessories. Furthermore, it is pointed out, that these WEH® Products are designed and placed on the market in accordance with the requirements of Article 4 (3) of the Pressure Equipment Directive 2014/68/EU. The assessment with regard to a different classification can, however, be made on request.

External change management

WEH reserves the right to update, optimise and adjust its products continuously. This may result in corresponding changes of the product. Customers will be informed proactively or unsolicited by WEH only in individual cases about product updates, product optimisations and/or product adaptations that have been carried out. You are free to contact WEH at any time to request information about any product updates, product optimisations and/or product adjustments.

© All rights reserved, WEH GmbH Verbindungstechnik.

Any unauthorized copying, distribution or other use of the copyrighted content is strictly forbidden without the written consent of WEH GmbH Verbindungstechnik.

Upon transmission of a newer version of this document, all previous versions are no longer valid. In principle, the latest version of the document is valid. This can be found at www.weh.com.

Our General Terms and Conditions and the Agreement on Protection of Know-How and Quality Assurance (www.weh.com) shall apply to deliveries and other services, unless expressly agreed otherwise.

We do not accept any General Terms and Conditions of the purchaser.

WEH® is a registered trademark of WEH GmbH Verbindungstechnik.

» Contact

More questions? – Great! Don't hesitate to contact our experts.

Manufacturer:

WEH GmbH Verbindungstechnik

Josef-Henle-Str. 1

89257 Illertissen / Germany

Phone: +49 7303 9609 703

E-Mail: industry@weh.com

Website: www.weh.com