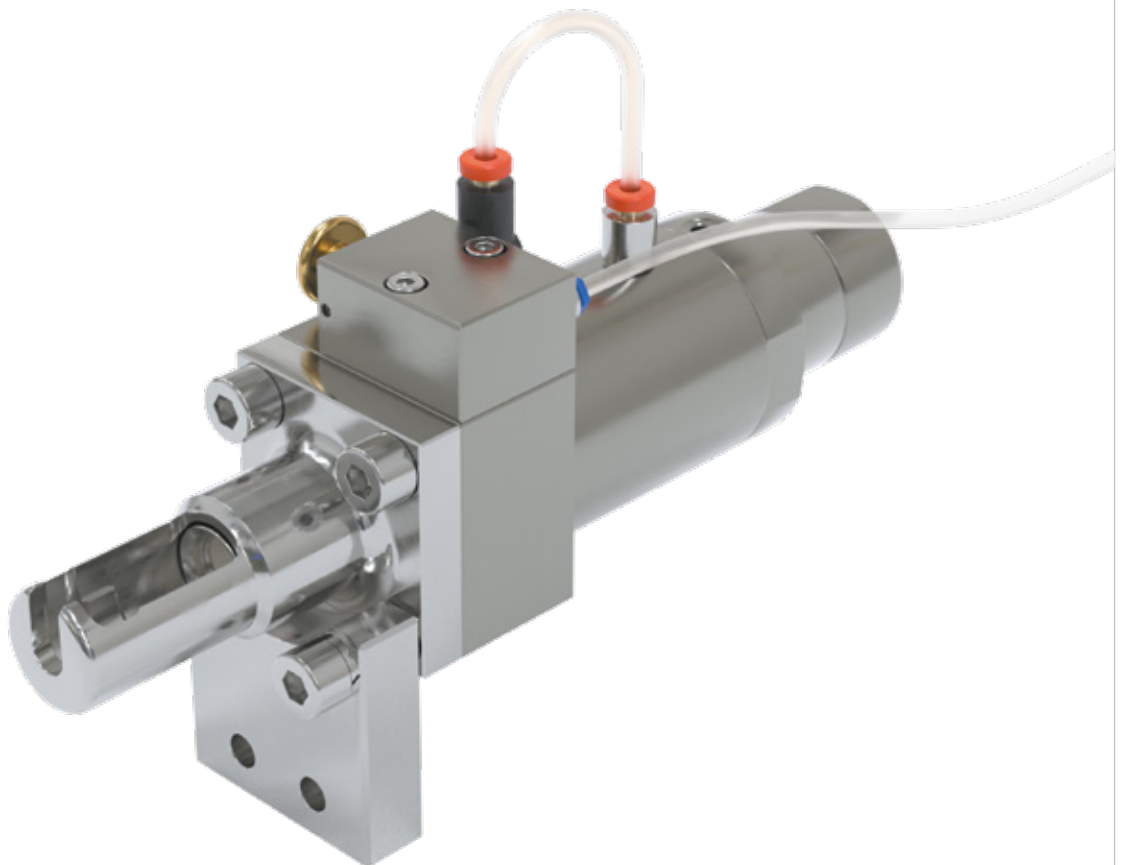


Type **TW130**

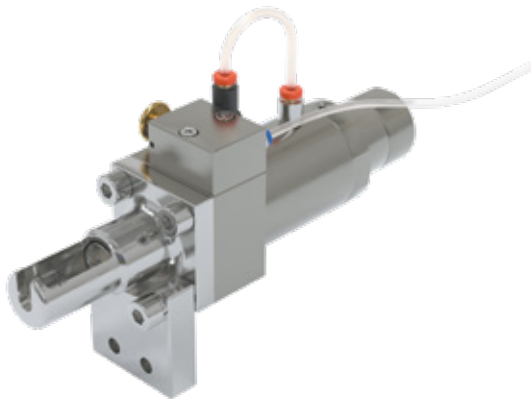
WEH[®] Connector for pressure and function testing

of components with banjo tube connections and hose / tube connections with sleeve nuts



General

DESCRIPTION



Features

- Connection in seconds
- No hand tightening required
- Testing of high quantities
- Suitable for automated testing
- Robust construction

The WEH® TW130 Quick connector has been developed specially for testing components with banjo tube connections, hose and tube connections with sleeve nuts and similar configurations. The compact design and ease of operation enables cost-effective testing, even for high quantities. The connector is equipped with pneumatic valve actuation, a customer-tailored steel test piece holder and if required a retaining plate.

The WEH® TW130 is rated for a pressure range up to max. 350 bar. Automation is possible. Special versions, e.g. multi-connectors etc. are also available on request.

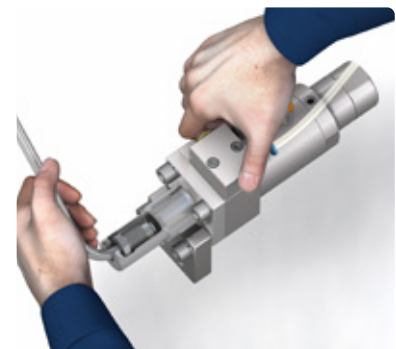
Application

Quick connector for pressure and function testing of components with banjo tube connections and hose / tube connections with sleeve nuts, e.g. for heat exchangers, high pressure hoses etc.

TECHNICAL DATA

Characteristics	Basic version
Max. allowable operating pressure PS	350 bar
Pilot pressure	Max. 6 - 8 bar
Pilot pressure port P1	G1/8" female thread
Temperature range*	-10 °C up to +80 °C
Leakrate	1 x 10 ⁻³ mbar x l/s
Actuation	Pneumatic actuation via valve head. Automation possible
Material	Base unit: corrosion resistant stainless steel, anodized aluminum
Sealing material	Front seal of NBR

Example of use:



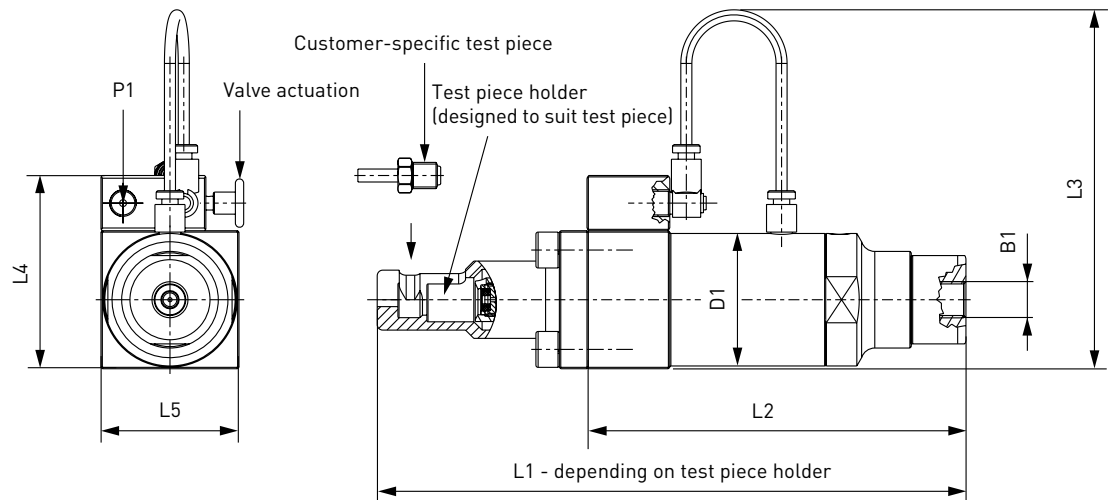
* The values of the temperature ranges quoted apply for common hydraulic oils, for other media please contact us!

Other designs on request

Ordering / Accessories

ORDERING | WEH® TW130 Quick connector

approx. dimensions (mm)



Part no.	Body size	Inlet B1 (female thread)	D1	L2	L3	L4	L5
Auf Anfrage	1	G1/4"	48.0	137.5	130.0	70.0	50.0
Auf Anfrage	2	G1/4"	62.0	137.5	140.0	84.0	64.0

Please send us your enquiry together with the corresponding test piece!
Other connection sizes on request

Other connection types on request.

Required information for ordering see page 7, catalog no. 35.

ACCESSORIES

The following accessories are available for the WEH® TW130 Quick connector:

Fixturing parts

A retaining plate is also available for ease of clamping the TW130 to test bench. Please contact us!

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.

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

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» Contact

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

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