



## EISELE **ALU-PRO 30**

EFFICIENT AIR SUPPLY FOR MACHINE  
AND PLANT BUILDING

 QUALITY SOLUTIONS  
MADE BY EISELE



PIPING

***Save material, time and resources:  
with the innovative ALU-PRO 30 system.***



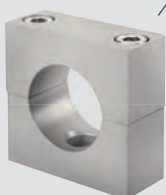
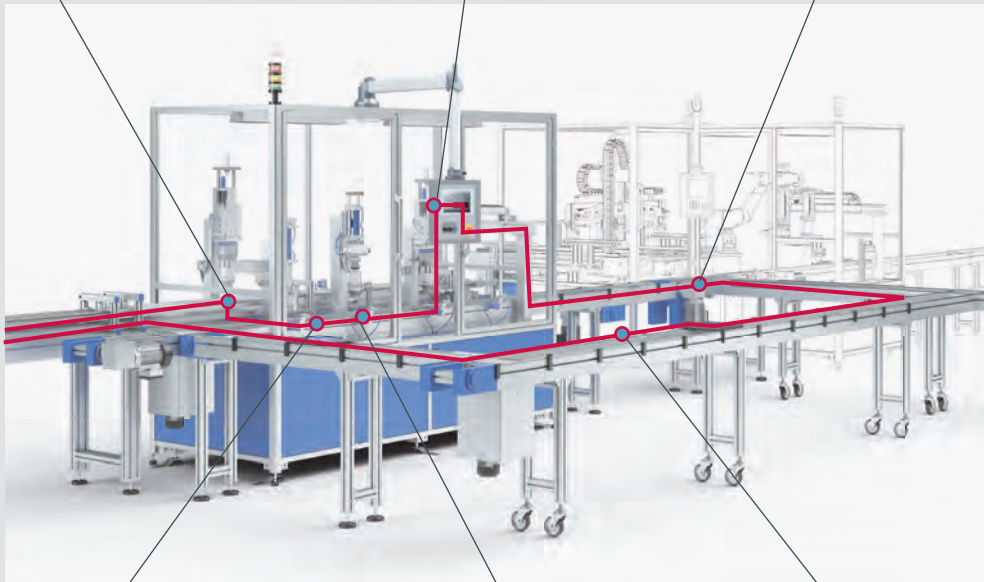
Distributor with up to 6 outlets



Straight male stud couplings



Elbow- and Tconnectors



Clamp



Pipe with outer diameter 30 mm



Double screw joints



1

### Flexibility

Modular system for fast and easy installation.

2

### High-quality

Robust, high-grade aluminium enhances the appearance of your system.

3

### Reliable

Safe and controllable at pressures up to 16 bar.

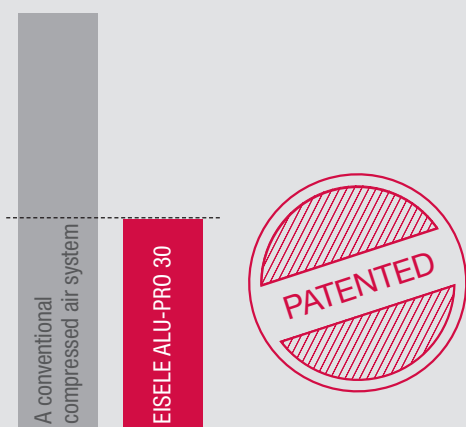
## Eisele ALU-PRO 30

The clever solution for

- ▶ Automation
- ▶ Packaging
- ▶ Pharmaceuticals
- ▶ Medical

You want to offer your customers perfect results. To do that, you need the perfect system. That's why you should trust the know-how of the market leader for the supply of compressed air and fluids! Our innovative Eisele ALU-PRO 30 piping system sets new standards in piping technology – in every respect. First of all with quality that withstands every load and fulfils the most stringent requirements. ALU-PRO 30 is also convincing in terms of flexibility. Take advantage of numerous options to adapt your supply system to your exact requirements: different seal materials, designs, thread and pipe sizes are available.

By the way: With a perfect piping system you can reduce costs by up to 50%! An investment that pays off in every respect.



Save up to

# 50%

compared with conventional compressed air supply with aluminium profiles.



## EISELE IS QUALITY MADE IN GERMANY

Over 30 patents, more than 5.000 standard articles, and 2.000 customized solutions impressively underline our top quality performance. Whether the solution is configured from standard components or individually customized: all EISELE products boast convincing quality, long lifetimes and sophisticated technology.

Our company is loyal to its philosophy and its roots. Germany is the place where we find our highly qualified employees – the workforce responsible for our company's output. With a manufacturing depth of almost 100%, and stock keeping at the production site itself, we can optimally supply our customers, and respond quickly to fulfill needs and technical specifications. EISELE is part of a global logistics network that guarantees the fast availability of our products on the global market.

DIN EN ISO 9001: 2008 – EISELE has been certified since 1994. We have continuously been updating this quality standard and will continue to maintain it with future certifications. The elements of our basic philosophy include sustainable quality, flexibility and continuous improvement.

Since 2014 Eisele is certified regarding the international economic standard DIN EN ISO 14001:2004.



### From EISELE connection components you may expect:

- + Highest tightness and safety
- + Ruggedness and long lifetimes
- + Vacuum-compatible products
- + Easy mounting and disassembly
- + Special connections for a broad range of applications



## Content overview

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Series



## Screw joints

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Screw joints for pipes made of aluminium

2000



## Accessories

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Ideal supplement for Eisele ALU PRO 30 connections

ACC

EISELE ALU PRO 30



## Screw joints

2000

**Modern  
connection system**

- Time-proven, robust connection technology
- No machining of pipe ends is necessary
- Innovative seal system

**Diverse  
areas of application**

- Suitable for applications with strong vibrations
- Compressed air supply in systems

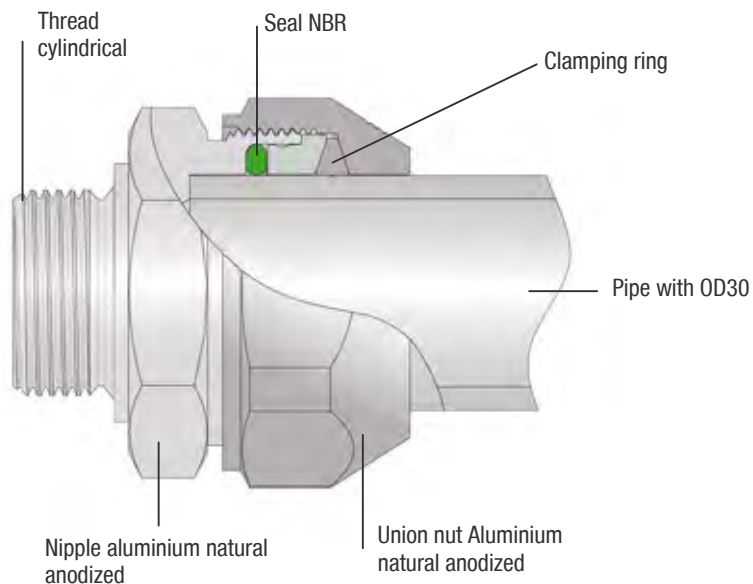
**Retrofitting?  
No problem at all!**

- Distributors can easily be installed from the side – without moving or disconnecting the pipes.

The standard program already contains an extensive range of types.

## Functional principle

2000



### Advantages

- No machining of pipe ends is necessary
- Fast and easy installation
- Can easily be retrofitted
- Robust metal construction
- Innovative seal system
- High-quality design matches aluminium construction

## Range of application

Potential applications:

- Machine and plant engineering  
Compressed air supply for all applications: from a simple work table to a complex automated solution
- Installation technology  
Supply line from compressed air generator to the consumption point

## Service conditions

For aluminium pipe: Ø30 mm

Permissible medium: compressed air, other media on request

Temperature range: -20 to +60 °C

Working pressure range: -0.95 to 16 bar



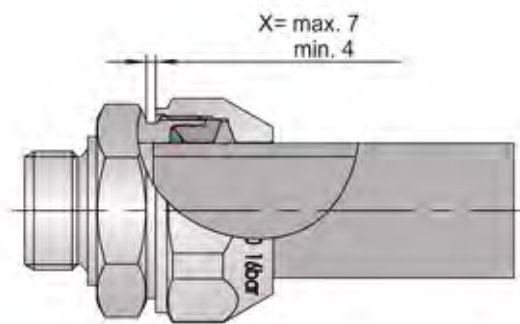
## Handling

1. Length the tube at a right angle, no loose burrs allowed.

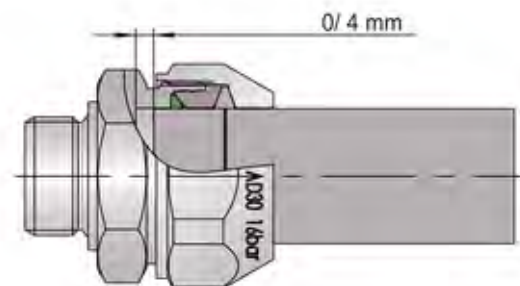
Cutting area



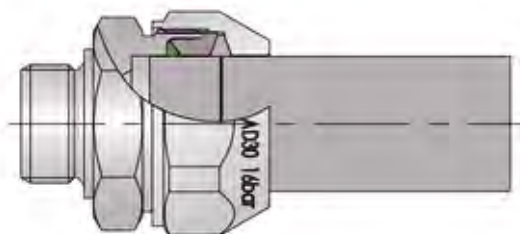
2. Unscrew the union nut until the specified value is reached.



3. Push the pipe inside until it stops. Permissible deviations as specified.



4. Tighten the union nut with 60-65 Nm.



We can provide the illustrated installation instruction MV2000-1 on your request.

2000

## Screw joints

starting on page 11



Straight male stud couplings

page 11



Double screw joints

page 11



Elbow screw joints

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T screw joints

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Distributor

page 12

Rohrabschluss

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## Screw joints for retrofitting

starting on page 15



Straight male stud couplings

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Distributor

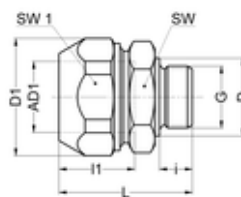
page 15

T screw joints

page 15

## Straight male stud coupling

- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm

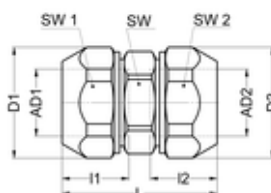


2000

Part no.	G	AD1	SW	SW1	i	L	I1	D	D1	NW	g/piece
2028-1030	G3/4	30	41	46	14	57	32	33	50	20	117
2028-1230	G1	30	41	46	16	58	32	39	50	25	119

## Double screw joint

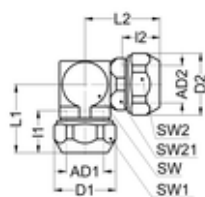
- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm



Part no.	AD1	AD2	SW	SW1	SW2	L	I1	I2	D1	D2	NW	g/piece
2033-3030	30	30	41	46	46	73	32	32	50	50	26	181

## Elbow connector

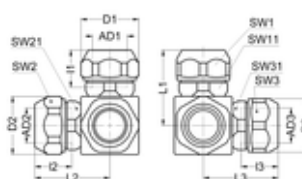
- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm



Part no.	AD1	AD2	SW	SW1	SW2	SW21	L1	L2	I1	I2	D1	D2	NW	g/piece
2077-303000	30	30	46	46	36	46	62	56	32	32	50	50	26	285

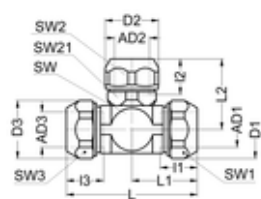
## Elbow piece

- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm



Part no.	AD1	AD2	AD3	SW1	SW11	SW2	SW21	SW3	SW31	L1	L2	L3	I1	I2	I3	D1	D2	D3	NW	g/piece
2071-303030	30	30	30	46	36	46	36	46	36	66	66	66	32	32	32	50	50	50	26	504

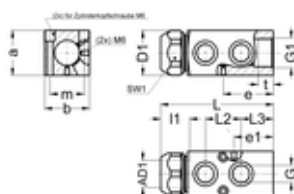
## T connector



- For pipe with outside-Ø 30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm

Part no.	AD1	AD2	AD3	SW	SW1	SW2	SW21	SW3	L	L1	L2	I1	I2	I3	D1	D2	D3	NW	g/piece
2078-303030	30	30	32	41	46	46	36	46	113	57	62	32	32	32	50	50	50	26	371

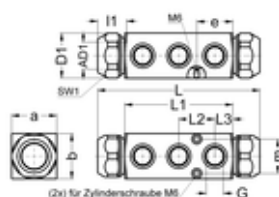
## Distributor 2x2-fold



- For pipe with outside-Ø 30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm

Part no.	G	G1	AD1	SW1	L	L2	L3	I1	D1	a	b	e	e1	m	m1	t	NW	g/piece
2004-220730	4x G1/2	G1	30	46	125	40	36	32	50	50	50	56	44	38		17	19	518

## Distributor 2x3-fold

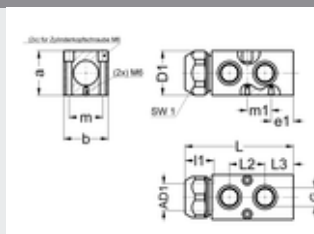


- For pipe with outside-Ø 30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm

Part no.	G	AD1	SW1	L	L1	L2	L3	I1	D1	a	b	e	m	NW	g/piece
2002-120730	2x G1/2	30	46	139	80	40	20	32	50	50	50	40	38	19	520
2002-130730	3x G1/2	30	46	179	120	40	20	32	50	50	50	40	38	19	714
2002-220730	4x G1/2	30	46	139	80	40	20	32	50	50	50	40	38	19	501
2002-230730	6x G1/2	30	46	179	120	40	20	32	50	50	50	40	38	19	685

## Closure distributor 2x2-fold

- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm

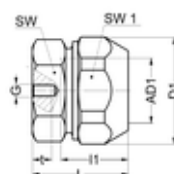


2000

Part no.	G	AD1	SW1	L	L2	L3	l1	D1	a	b	e	e1	m	m1	NW	g/piece
2003-220730	4x G1/2	30	46	121	40	32	32	50	50	50	500	25	38	25	19	500

## Closure piece

- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm



Part no.	G	AD1	SW	SW1	t	L	l1	D1	g/piece
2020-4530	M6	30	41	46	9	45	32	50	134
2020-5130	M8	30	41	46	11	47	32	50	143



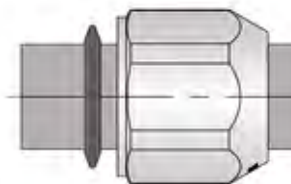
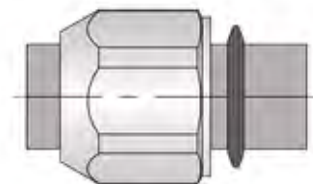
## Handling for retrofitting

Even for existing pipe-systems with a  $\varnothing$  30 pipe Eisele offers a solution. By cutting out a defined piece of pipe, new connections can be installed by using the system PRO ALU 30.

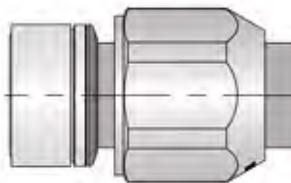
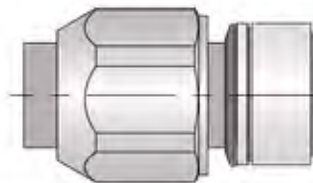
1. Cut the pipe according to manifold length at right angles (see separate drawing).



2. Push the Union nut + clamping ring on both sides of the pipe.



3. Put the flange completely on both sides of pipe.



4. Insert distributor (take care of the seal rings).



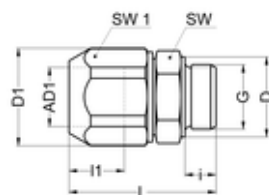
5. Fix the distributor - tighten the nut with 60-65 Nm.



We can provide the illustrated installation instruction MV2000-2 on your request.

## Screw-in connector

- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm
- Mounting instructions according to drawing - MV2000-2

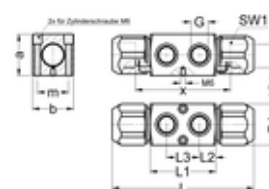


2000

Part no.	G	AD1	SW	SW1	i	L	I1	D	D1	NW	g/piece
2025-1230	G1	30	41	46	16	77	32	50	41	25	181

## Distributor 2x2-fold, for lateral assembly

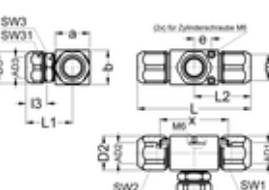
- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm
- Mounting instructions according to drawing - MV2000-2



Part no.	G	AD1	x	SW1	L	L1	L2	L3	D1	a	b	m	NW	g/piece
2012-220730	4x G1/2	30	106	46	173	80	20	40	50	50	50	38	19	600

## Distributor for lateral assembly

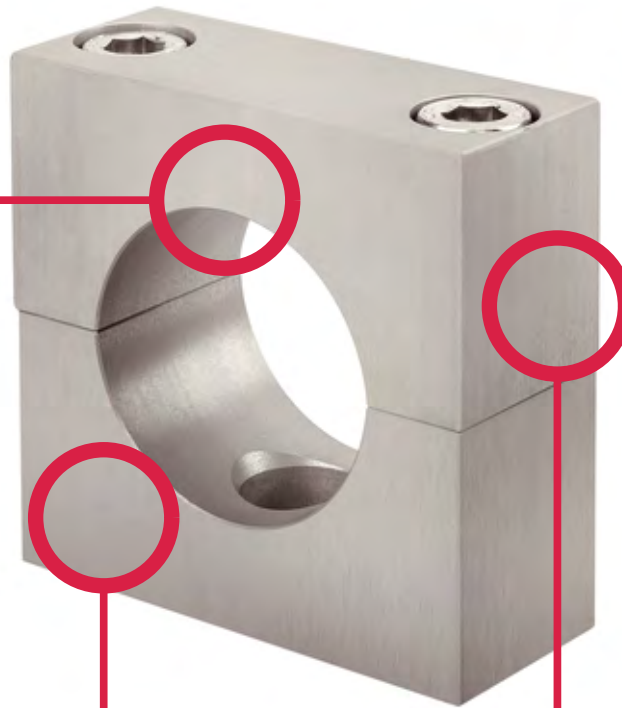
- For pipe with outside- $\varnothing$  30
- Whitworth pipe thread
- Sealing NBR
- Material Al anodized, 1.4021
- Temperature range -20 to +60 °C
- Working pressure -0,95 to 16 bar
- Torque min. 60 Nm to max. 65 Nm
- Mounting instructions according to drawing - MV2000-2



Part no.	AD1	AD2	AD3	x	SW1	SW2	SW3	L	L1	L2	I3	I3	D1	D2	D3	D3	a	b	e	m	NW	g/piece
2017-303030	30	30	30	100	46	46	46	163	94	81,5	32	32	50	50	50	50	50	50	25	38	25	710



## Series 2000 - Accessories for the EISELE ALU PRO 30

**Solid metal  
accessories**

- Anodized aluminium
- High-quality FPM seals;  
optionally also NBR, EPDM or  
other materials

**High flexibility  
thanks to diversity of  
models**

- Standardised connection  
solutions already exist for  
many applications
- Additional models on request

**Time-proven  
quality**

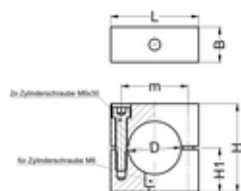
- Cylindrical threads are  
standard
- All thread types are available
- Custom solutions on request

The ideal supplement to EISELE AIR PRO 30 fittings.

ACC

EISELE ALU PRO 30

## Clamp



- Clamp for pipe with outside-Ø 30
- Mounting with M6 screw possible
- Clamp can be screwed to the distribution 2002 -, 2003 -, 2004 - and 2012 - ...
- Material Al anodized
- Galvanized steel screws

Part no.	D	L	B	H	H1	m	g/piece
2090-3025	30	50	20	50	25		86
2090-3035	30	50	20	60	35		111

ACC





## MANY SOLUTIONS FROM ONE MODULAR SYSTEM,

### EISELE BASICLINE

#### Standard components for pneumatics

EISELE **BASICLINE** gives our customers a wide choice of our stock of approx. 3,500 standardized connection components. We can therefore deliver at very short notice a complete range of screw joints, plug connectors, matching hoses and a wide spectrum of accessories.

Many of these EISELE products are authorized for use by the major automotive manufacturers like Audi, Daimler or Volkswagen.

### EISELE INOXLINE

#### Stainless steel connection solutions

Stainless steel connections are frequently called for systems in the food and pharmaceutical sectors – and they are essential for many applications. Based on the design of our tried-and-tested standard components, we supply a broad range of media-resistant connections made of corrosion-proof and acid-resistant stainless steel. The connections are equally tough enough for aggressive production environments and cleaning products.



**BASIC**

## FROM STANDARDIZED TO HIGHLY INDIVIDUAL

### EISELE LIQUIDLINE

#### Connections for cooling water

The through-flow-optimized connections in the EISELE **LIQUIDLINE** are perfectly suited for applications with closed cooling-water cycles.

All parts in contact with media are made of a brass alloy not susceptible to dezincification. When combined with the hoses, connections with FPM seals are resistant to many media as well as high temperatures.

### EISELE MULTILINE

#### Multiple couplings for multiple media connections

From plant installations, to maintenance and repair, the couplings in the EISELE **MULTILINE** join separate components or complete modules in a safe, efficient and space-saving way with the simple, centralized, plug and screw joint connectors. In machines with combined air and liquid inlets, the connections discourage assembly mistakes. They can also be coupled and uncoupled under pressure thanks to the integrated shut-off valves.





**EISELE GmbH**  
Qualitäts-Anschlusskomponenten  
für Druckluft, Gase und Flüssigkeiten  
Quality connection components for  
compressed air, gases and liquids

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www.eisele.eu

## QUALITY CONNECTION COMPONENTS FOR COMPRESSED AIR, GASES, AND LIQUIDS



**EISELE INOXLINE**  
Stainless steel connection  
solutions

**EISELE LIQUIDLINE**  
Connections for cooling water

**EISELE MULTILINE**  
Multiple couplings for multiple  
media connections