



**Jürgen Schlösser
Armaturen**

FITTINGS AND ACCESSORIES
MANIFOLD LINE





Tradition and Ideas

Established in 1996, Jürgen Schlösser Armaturen GmbH soon asserted itself as a reliable and innovative partner in the heating industry. Know-how and experience form the basis for our products.

In cooperation with our national and international customers, we are developing innovative and sound product solutions for many areas of the fittings industry. Our high-quality fittings and components for heating technology are examples of this.

Our goal is the highest possible customer satisfaction. We achieve this through our innovative products and their continuous quality improvement. Because quality is our benchmark.

In addition to our headquarters in Germany, we have branch offices in France and Romania.

As a matter of course, our principles and standards also include quality assurance. The exclusive use of raw materials and materials, which we buy from certified suppliers and which are subject to constant quality control, guarantee our high quality standard.

The continuous improvement of our production processes has led to the high standard of the products of Jürgen Schlösser Armaturen GmbH, which today is synonymous with fittings of the highest class.

A dedicated team for your comfort and pleasure.





Threaded nipples

Threaded nipples could be manufactured in any dimension – suitable for according manifold. The threads can be produced according to customer requirements in dimensions DN 10, DN 15, DN 20 with assured function guarantee and related to our valve inserts. We offer nickel-plated, chrome or brass surfaces. We use only brass from well-known manufacturers.



Valve inserts

We produce valve inserts for brass-, steel-, plastic- and stainless steel-manifolds. All valves will be adapted according to the manifold type. In connection with our thread nipples we grant the good functioning of the equipment. Each valve type can be supplied with DN 10, DN 15 or DN 20 thread in nickel-plated or brass version with or without pre-setting. Only highquality seals according to DVGW, KIWA, KTW, Nsf and TGM-Önorm will be used. So the use in heating and sanitary installation with all types of valves is possible. Furthermore gaskets are constructed in a way to avoid flow noise also at minimum water flow.



Regulating valves

Also regulating valves are produced for brass-, steel-, plastic- and stainless steel-manifolds. All valves are adapted to according manifold type. In connection with our thread nipples we grant the good functioning of the equipment. Each valve type can be supplied with DN 10, DN 15 or DN 20 thread in nickel-plated or brass version. Only highquality seals according to DVGW, KIWA, KTW, Nsf and TGM-Önorm will be used. So we enable the use in heating and sanitary installation with all types of valves.

Flow and return valves - angle

Item Number	Version	Unit	Weight	EAN Code	Price/pcs
9038 1590 703	Angle flow	35	179 g	42601 7547 0497	
9038 1590 711	Angle return	35	154 g	42601 7547 3856	

Pre-adjustable

Type: 3/4" AG x 3/4" AG Eurokonus | DN: 15



Flow and return valves - straight

Item Number	Version	Unit	Weight	EAN Code	Price/pcs
9038 1590 103	Straight flow	35	189 g	42601 7547 0503	
9038 1590 744	Straight return	35	184 g	42601 7547 3863	

Pre-adjustable

Type: 3/4" AG x 3/4" AG Eurokonus | DN: 15



Flow and return valves - angle - fine tuning

Item Number	Version	Unit	Weight	EAN Code	Price/pcs
9038 1590 709	Angle flow	35	179 g	42604 7795 4244	
9038 1590 711	Angle return	35	154 g	42601 7547 3856	

Pre-adjustable - Thermostatic valve with fine adjustment, 0 - 4 L/min ($\Delta p = 100\text{mbar}$)

Type: 3/4" AG x 3/4" AG Eurokonus | DN: 15



Flow and return valves - straight - fine tuning

Item Number	Version	Unit	Weight	EAN Code	Price/pcs
9038 1590 109	Straight flow	35	189 g	42604 7795 4251	
9038 1590 744	Straight return	35	184 g	42601 7547 3863	

Pre-adjustable - Thermostatic valve with fine adjustment, 0 - 4 L/min ($\Delta p = 100\text{mbar}$)

Type: 3/4" AG x 3/4" AG Eurokonus | DN: 15



Pressure Independent and Flow Limiting Balancing Valve Insert

Item Number	Version	EAN Code	Price/pcs
9408 9110 601	1/2" (100 kPa/25 kPa)	42604 7795 8990	

- Integral differential pressure control
- Auto balancing of UFH circuits
- Constant flow rate control
- Pre-setting to required flow rate



IG - inner thread; AG - outer thread



Safety caps

Item Number	Version	Colour	Weight	EAN Code	Price/pcs
9038 2000 001	M 30 x 1,5	white	6 g	42601 7547 2187	
9038 2000 302	M 30 x 1,5	blue	6 g	42601 7547 2200	
9038 2000 304	M 30 x 1,5	black	6 g	42601 7547 2224	
9038 2000 308	M 30 x 1,5	red	6 g	42601 7547 2248	



Actuator Fix-Drive with manual valve operation

Item Number	Voltage	Colour	Adaptation	EAN Code	Price/pcs
9400 9800 001	230 V	Grey	M 30x1,5	42604 7795 2530	
9400 9800 002	24 V	Grey	M 30x1,5	42604 7795 2547	
9400 9805 001	230 V	Blue	M 30x1,5	42604 7795 4220	
9400 9805 002	24 V	Blue	M 30x1,5	42604 7795 4237	



Flowmeter

Item Number	Version	DN	Weight	EAN Code	Price/pcs
9086 0105 002	0 - 5 L	10	59 g	42601 7547 2811	
9087 0025 001	0 - 2.5 L	15	59 g	42604 7795 4305	
9087 0624 001	0 - 5 L	15	59 g	42601 7547 2828	
9087 0080 001	0 - 8 L	15	59 g	42601 7547 3665	



Draining / filling ball valve

Item Number	Thread	Version	EAN Code	Price/pcs
9061 1515 002	1/2" AG	Self sealing	42604 7795 5579	

Ball valves DN 25 angle

Item Number	Description	Version	Featured	EAN Code	Price/pcs
9061 2525 001	1" IG x 1" AG	Supply - Red handle	For manifolds	42601 7547 8431	
9061 2525 003	1" IG x 1" AG	Return - Blue handle	For manifolds	42601 7547 8424	



Ball valves DN 20 angle

Item Number	Description	Version	EAN Code	Price/pcs
9061 2020 001	3/4" IG x 3/4" AG	Supply - Red handle	42601 7547 8394	
9061 2020 003	3/4" IG x 3/4" AG	Return - Blue handle	42601 7547 8387	



Ball valves DN 25 straight

Item Number	Description	Version	Featured	EAN Code	Price/pcs
9061 2525 008	1" IG x 1" AG	Supply - Red handle	For manifolds	42601 7547 8417	
9061 2525 009	1" IG x 1" AG	Return - Blue handle	For manifolds	42601 7547 8400	



Ball valves DN 20 straight

Item Number	Description	Version	EAN Code	Price/pcs
9061 2020 008	3/4" IG x 3/4" AG	Supply - Red handle	42601 7547 8370	
9061 2020 009	3/4" IG x 3/4" AG	Return - Blue handle	42601 7547 8363	



Ball valves DN 20 straight, with union nut

Item Number	Description	Version	Featured	EAN Code	Price/pcs
9061 2020 010	1" IG x 1" IG	Supply - Red handle	For mixing units	42604 7795 0543	
9061 2020 011	1" IG x 1" IG	Return - Blue handle	For mixing units	42604 7795 0550	



Ball valves DN 25 straight incl. connection set for manifold and thermometer 0-120°C

Item Number	Description	Version	EAN Code	Price/pcs
9061 2525 005	1" AG x 1" IG	Supply - Red handle	42604 7795 3643	
9061 2525 002	1" AG x 1" IG	Return - Blue handle	42601 7547 2552	



IG - inner thread; AG - outer thread



Ball valves DN 25 with thermometer 0-120°C

Item Number	Description	Version	EAN Code	Price/pcs
9061 2525 020	1" IG x 1" AG	Supply - Red handle	42604 7795 6347	
9061 2525 021	1" IG x 1" AG	Return - Blue handle	42604 7795 6354	



Remote thermostatic sensors THX

Item Number	Sensor length	Capilar length	Temperature	EAN Code	Price/pcs
6060 1520 118	111 mm	2150 mm	+20° up to +50°C	42601 7547 7571	
6060 1520 113	43 mm	2050 mm	+10° up to +60°C	42601 7547 9407	



Remote thermostatic sensors THA

Item Number	Sensor length	Capilar length	Temperature	EAN Code	Price/pcs
6060 1520 125	157 mm	2050 mm	+40° up to +70°C	42601 7547 9100	
6060 1520 123	43 mm	2050 mm	+10° up to +60°C	42601 7547 8059	



Remote thermostatic sensors THS

Item Number	Sensor length	Capilar length	Temperature	EAN Code	Price/pcs
6060 1520 106	157 mm	2050 mm	+20° up to +50°C	42601 7547 4013	



Thermostatic valve

Item Number	Type	Version	EAN Code	Price/pcs
9048 2500 521	DN 25	1" IG x 1" AG	42601 7547 3931	



FE-plugs (brass and plastic)

Item Number	Version	Colour	Weight	EAN Code	Price/pcs
9088 1060 700	1/2"	Brass	125 g	42601 7547 6772	
9088 1060 701	1/2"	Nickle-plated	125 g	42601 7547 6789	
9088 1060 721	1"	Nickle-plated	185 g	42604 7795 7535	



Automatic air vent

Item Number	Thread	Version	EAN Code	Price/pcs
9117 0400 164	1/2" AG	Mini	42601 7547 9995	
4010 1500 002	1/2" AG	Brass	42604 7795 5241	
4010 1500 005	1/2" AG	Nickel plated	42604 7795 6378	

IG - inner thread; AG - outer thread

**Manifold end piece 1" IG
(airvent, filling-emptying) turnable**

Item Number	Version	Type	Weight	EAN Code	Price/pcs
9217 0400 166	1" IG	Red handle	243 g	42604 7795 1984	
9217 0401 166	1" IG	Blue handle	243 g	42604 7795 2004	

Unit: 1



**Manifold end piece 1" AG
(airvent, filling-emptying) turnable**

Item Number	Version	Type	Weight	EAN Code	Price/pcs
9217 0400 174	1" AG	Red handle	216 g	42604 7795 1991	
9217 0401 174	1" AG	Blue handle	216 g	42604 7795 2011	

Unit: 1



Mini manifolds

Item Number	Circuits	Type	EAN Code	Price/pcs
9217 0001 001	1 circuit	D 8 mm	42604 7795 1342	
9217 0002 001	2 circuits	D 8 mm	42604 7795 0017	
9217 0004 001	4 circuits	D 8 mm	42604 7795 0024	
9217 0101 001	1 circuit	D 10 mm	42604 7795 1366	
9217 0102 001	2 circuits	D 10 mm	42604 7795 1212	
9217 0104 001	4 circuits	D 10 mm	42604 7795 0369	



Push-fittings system; for PE-RT / PE-X / PB pipes; Eurokonus
Max pressure: 15 Bar; Temperature range: -20°C ... +80°C
Tolerances of the pipe: D 8mm 0 ... +0,2mm / D 10mm 0 ... +0,3mm

Manifold type Y

Item Number	Version	Type	EAN Code	Price/pcs
9217 0000 001	3/4" Eurokonus, 2-way	nickel-plated	42604 7795 7528	



Manifold end pieces

Item Number	Version	Type	Weight	EAN Code	Price/pcs
9088 1520 001	1/2" AG x 3/4" IG	O-ring; brass	70 g	42601 7547 2859	
9088 1520 002	1/2" AG x 3/4" IG	Metallic; brass	79 g	42601 7547 2866	
9088 1520 003	1/2" AG x 3/4" IG	O-ring; nickel-plated	70 g	42601 7547 2873	
9052 2025 001	3/4" AG x 1" IG	Screw connection	131 g	42601 7547 2378	



IG - inner thread; AG - outer thread



Ball valves straight - magnetic filter

Item Number	Version	Length	EAN Code	Price/pcs
9061 2020 015	3/4" IG x 3/4" IG	L - 67 mm	42604 7795 9249	
9061 2525 015	1" IG x 1" IG	L - 77 mm	42604 7795 9232	



Magnetic dirt & air separator with internal strainer

Item Number	Version	EAN Code	Price/pcs
9061 2020 030	3/4" F	42604 7795 8754	
9061 2525 030	1" F	42604 7795 8761	



Pump and Mixing Unit for UHF Manifolds

Item Number	Description	Pump	EAN Code	Price/pcs
2400 9000 101	Pump and Mixing Unit	with	42601 7547 9964	
2400 9000 001	Pump and Mixing Unit	without	42601 7547 9971	
9408 9110 802	Safety thermostat 50°C	-	42604 7795 0307	

- Thermostatic mixing valve
- Circulating pump Wilo Para 15/6 SC 130 6 (G1")
- Temperature gauge
- Connecting fittings
The Mixing Unit ensures that hot water from the heat source and return water from the underfloor circuit are mixed together in the valve body to produce a range of temperatures from 20°C to 45°C.

- Connector: 1"
- Interaxis: 210mm
- Adjustment stability: $\pm 2^\circ\text{C}$
- Dn 25 ; Kvs = 4,0 ; up to 82 l/min (1,5 bar)

IG - inner thread; AG - outer thread

Brass nipples DN 25

Item Number	Description	Type	Featured	EAN Code	Price/pcs
2051 2500 002	1" AG x 1" AG	Brass colour - O-Ring 30 x 3,5	For mixing units	42604 7795 1557	
2051 2500 003	1" AG x 1" AG	Nickel plated - O-Ring 30 x 3,5	For mixing units	42604 7795 1564	



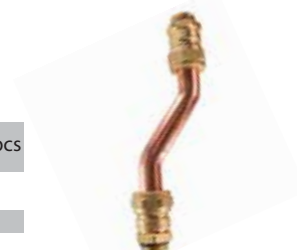
Eurokonus adaptor for PPR

Item Number	Adaptor piece	EAN Code	Price/pcs
8281 1500 002	for PPR connexion to EK port	42601 7547 0794	



Bypass valve for manifolds

Item Number	Version	Type	Weight	EAN Code	Price/pcs
7020 0000 101	1/2" AG x 1/2" AG	Cu blank	254 g	42604 7795 3278	
7020 0000 102	1/2" AG x 1/2" AG	Cu nickle-plated	254 g	42604 7795 3285	



Safety group 1" - 3 bar, IG incl. automatic vent

Item Number	Description	EAN Code	Price/pcs
2400 2000 001	Safety valve DN15 (1/2")	42604 7795 8778	



Connection nipple 3/4" x 3/4"

Item Number	Version	EAN Code	Price/pcs
9092 2020 101	3/4" M x 3/4" M	42604 7795 8976	



Connection nipple 1/2" x 3/4"

Item Number	Version	Type	EAN Code	Price/pcs
9094 1508 001	35 mm	Nickel plated	42604 7795 8815	
9094 1508 002	26,5 mm	Nickel plated	42604 7795 8822	

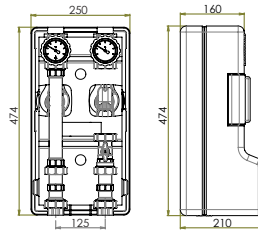


IG - inner thread; AG - outer thread

Pumping station for unmixed heating circuits DN 25

Item Number	Type	EAN Code	Price/pcs
2400 1000 001	without pump	42601 7547 5409	
2400 1000 101	with pump	42601 7547 7410	

- Supply pump ball valve with red thermometer
- Return pump ball valve with non-return valve and blue thermometer
- Optional: Circulation pump Installation length 180mm with connection for cabling
- Pump ball valve
- Insulation box
- Loose pre-assembled
- Supply and return alternately connectable
- The installation and assembly instructions of the pump manufacturer must be observed



Connection to the heating system G1 IG
 Connection to the boiler G1 IG
 Operating temperature up to 110°C
 Operating pressure 10 bar
 kVs – value 8,0

Power up to 50 kW (with Δt 20 K) and maximum flow of 2150 l/h.

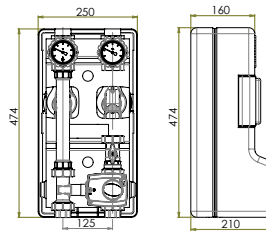
The reference values were calculated for a circulating pump with a nominal delivery height of 6 m.



Pumping station for mixed heating circuits DN 25

Item Number	Type	EAN Code	Price/pcs
2400 3000 001	without pump, without servomotor	42601 7547 5416	
2400 3000 101	with pump, without servomotor	42601 7547 7427	
2400 3000 003	Servomotor	42604 7795 4398	

- Supply pump ball valve with red thermometer
- Return pump ball valve with non-return valve and blue thermometer
- Optional: Circulation pump Installation length 180mm with connection for cabling
- Pump ball valve
- Three-way mixer with servomotor and connection cable
- Insulation box
- Loose pre-assembled
- Supply and return alternately connectable
- The installation and assembly instructions of the pump manufacturer must be observed



Connection to the heating system G1 IG
 Connection to the boiler G1 IG
 Operating temperature up to 110°C
 Operating pressure 10 bar
 kVs – value 6,0

Power up to 35 kW (with Δt 20 K) and maximum flow of 1500 l/h.

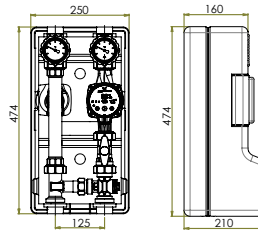
The reference values were calculated for a circulating pump with a nominal delivery height of 6 m.



Pumping station for solid fuel boiler DN 25

Item Number	Type	EAN Code	Price/pcs
2400 5000 001	without pump	42601 7547 5423	
2400 5000 101	with pump	42601 7547 7441	

- Supply pump ball valve and non-return valve with red thermometer
- Return pump ball valve with blue thermometer
- Optional: Circulation pump Installation length 180mm with connection for cabling
- Pump ball valve
- Thermal mixing valve with fixed opening temperature 60°C
- Insulation box
- Loose pre-assembled
- Supply and return alternately connectable
- The installation and assembly instructions of the pump manufacturer must be observed



Connection to the heating system G1 IG
 Connection to the boiler G1 IG
 Operating temperature up to 110°C
 Operating pressure 10 bar
 kVs – value 2,2

Power up to 12 kW (with Δt 20 K) and maximum flow of 500 l/h.

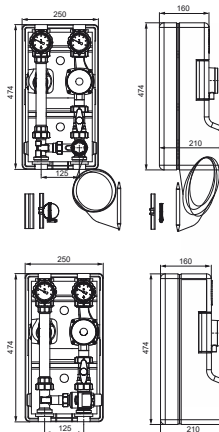
The reference values were calculated for a circulating pump with a nominal delivery height of 6 m.



Pumping station for surface heating DN 25

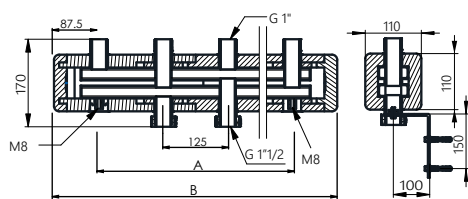
Item Number	Type	kvs	EAN Code	Price/pcs
2400 6000 001	without pump	2,2	42601 7547 5430	
2400 6000 101	with pump	2,2	42601 7547 7458	
2400 6000 008	without pump	4,4	42604 7795 5470	
2400 6000 108	with pump	4,4	42604 7795 5487	

- Supply pump ball valve with red thermometer
- Return pump ball valve with non-return valve and blue thermometer
- Optional: Circulation pump Installation length 180mm with connection for cabling
- Pump ball valve
- **Kvs 2,2:** Fixed value control valve with temperature controller and contact sensor 20°-50°C
 Version 40°-70°C on request
 Heat conducting base with fixing
- **Kvs 4,4:** Thermostatic mixing valve 20°-55°C
- Insulation box
- Loose pre-assembled
- Supply and return alternately connectable
- The installation and assembly instructions of the pump manufacturer must be observed



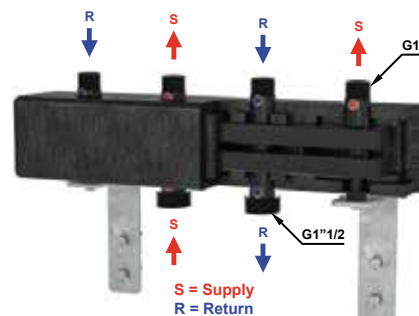
Manifold for pumping stations

Item Number	Type	EAN Code	Price/pcs
2400 2000 002	2 circuits	42604 7795 4268	
2400 2000 003	3 circuits	42604 7795 4275	
2400 2000 004	4 circuits	42604 7795 4282	
2400 2000 005	5 circuits	42604 7795 4329	



Number of circuits	2 circuits	3 circuits	4 circuits	5 circuits
A	375	625	625	875
B	550	800	1050	1300

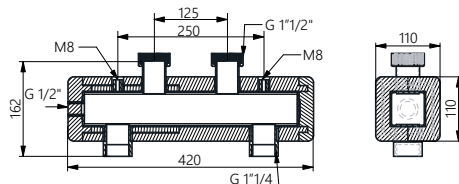
Distribution manifold with 1" male connections for DN25 pump units with 1" female connections. It is also possible to fit DN32 pump units with 1 1/4" female connections by using suitable adapters.
Connections to the pump units: 1" Male
Max flow rate: 3 m³/h;
Max power: 70 kW;
Connections to the hydraulic switcher: 1 1/2" Male
It is complete with insulation and wall fixing brackets: 100/150 mm.



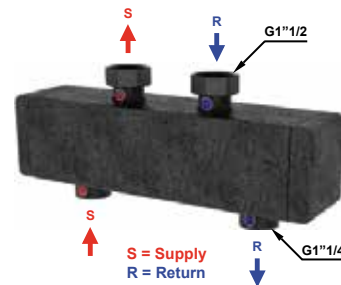
Hydraulic switcher

Item Number	Length	EAN Code	Price/pcs
2400 2000 010	420 mm	42604 7795 4381	

Hydraulic switcher with insulation suitable for power up to 70 kW (rise in temperature T=20 K in the primary circuit) to be connected before the distribution header. This device allows to balance hydraulically the primary circuit from the secondary circuit so giving a greater volumetric flow in the distribution header in comparison with the flow of the boiler. It is particularly suitable to be mounted with condensing boilers. In fact with a right setting of the boiler pump it ensures a low return water temperature (always lower than 57°C, that is the condensing temperature of the steam in the methane gas) so increasing the efficiency of the installation.



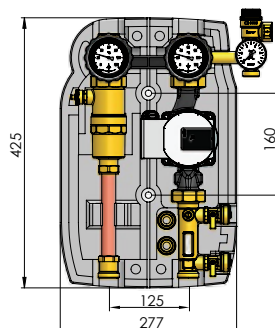
Connections to the CD70 distributor: 1 1/2" swivel nuts; centre distance 125 mm;
Max flow rate: 3 m³/h;
Max power: 70 kW;
1/2" Female connection for dip probe;
Connections to the boiler: 1 1/4" Female; centre distance 250 mm;
It is complete with insulation.



Two way Solar Pump Unit

Item Number	Type	EAN Code	Price/pcs
2400 7000 101	with pump	42601 7547 7502	

- Supply ball valve, with red thermometer 0-120 °C and integrated solar non-return valve 10 mbar (that can be manually cancelled)
- Return ball valve, with blue thermometer 0-120 °C and integrated solar non-return valve 10 mbar (that can be manually cancelled)
- High efficiency synchronous circulation pump with PWM command Wilo Para ST 25/6 iPWM, installation length 180 mm and wiring connection
- Pump ball valve
- Deaerator with manual purge
- Safety group 6 bar with 0-10 bar pressure gauge (Ø 50mm) and 3/4" M connection for the expansion tank hose (not included); it protects the system from overpressures. Drain connection 3/4" F.
- Flow regulator meter with filling and drain valves; flowmeter range 2-12 L/min
- Pair of hose connectors for filling and draining
- Insulation box in PPE
- Dimensions: 277 x 425 x 150 mm



TECHNICAL FEATURES
PN 10
Continuous temperature 120 °C; (short period: 160 °C for 20 s)
External connection: 22 mm compression
For powers up to 40 kW
Maximum flow: 12 L/min





ROOM CONTROL
BLUE LINE

HVAC PRODUCTS
BASE LINE



THERMOSTATIC VALVES
DESIGN LINE

FITTINGS AND ACCESSORIES
MANIFOLD LINE



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