Installation Instructions, LK Micro VKF

Design

- For connection of two underfloor heating circuits with pipe dimensions 12, 16 or 20 mm to LK MicroShunt 1-2.
- LK Micro VKF is made of nickel-plated brass and has a swivel ¾" EuroCone connection for easy installation on LK MicroShunt 1-2.
- The manifold is equipped with external ¾" EuroCone threads for flexible installation and connection to LK's wide range of underfloor heating pipes.
- One of the manifold pipe connections is equipped with a balancing valve for hydraulic balancing of the two heating circuits.
- Sold and supplied in pairs.



LK Micro VKF.

Accessories

LK Connection Coupling RF

Article number	Intended for	Dim.	For pipe dim.	Nipple connection
241 94 66	PE/PE-X	12 x ¾"	12 x 2,0	¾" EuroCone
241 72 98	PE-RT/ PE-X/ PAL	AX16 x ¾"	16 x 2,0	¾" EuroCone
241 94 68	PE-RT/ PE-X	20 x ¾"	20 x 2,0	¾" EuroCone

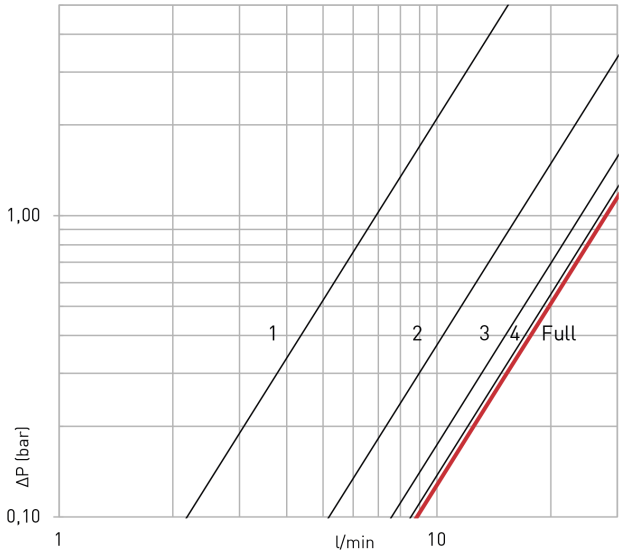
Other fittings

Article number	Intended for	For pipe dim.	Nipple connection
241 94 67	PE/PE-X/ AL-PE	17 x 2,0	¾" EuroCone
243 47 71	Uponor PePEX	17 x 2,0	¾" EuroCone

INSTRUCTION!
Read the installation instructions before you start the work.

Balancing setting, Flow

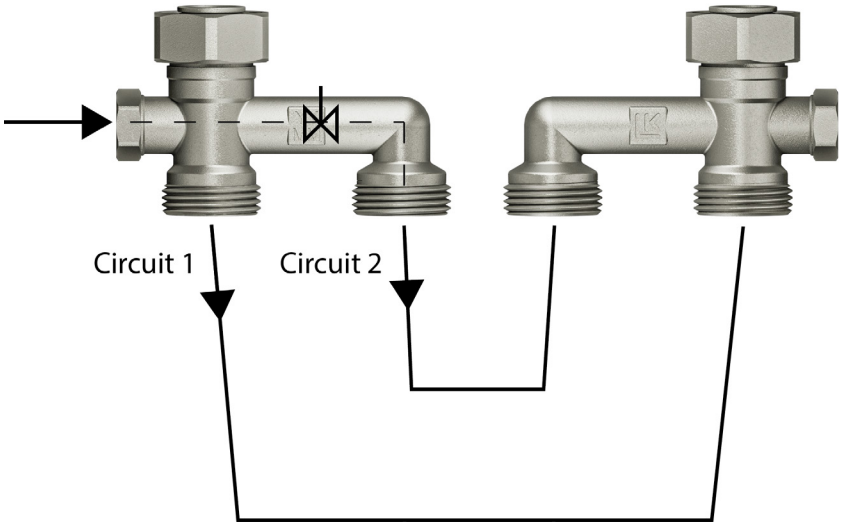
No. of turns	Kv value
1	0,41
2	0,98
3	1,44
4	1,62
The valve is fully open	1,68



Connection example

Circuit 2 = The shortest underfloor heating circuit

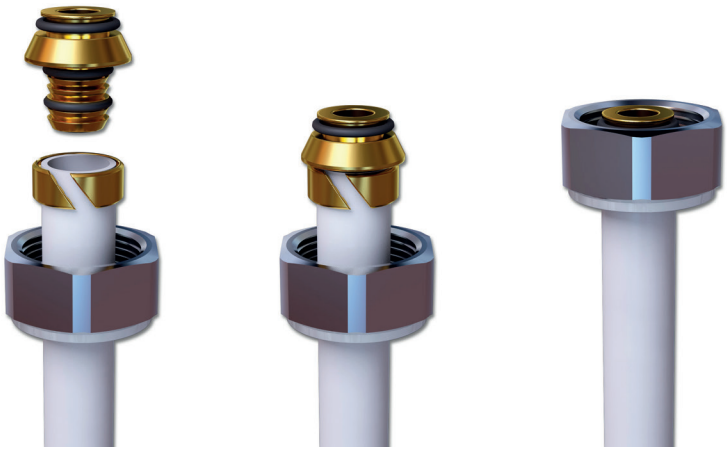
Balancing can be done on either manifold. It is only necessary to restrict the flow on one of the manifolds. Leave the other balancing valve fully open.



Pipe connection, LK Micro VKF

INSTRUCTION!
Do not lubricate the O-rings.

1. Adjust the pipe length. Cut the pipe with pipe shears to make a straight cut.
2. Install the compression fitting as shown in the illustration.
3. Lubricate the compression ring before tightening.
4. After the pressure test and the heating system test, retighten the fittings.



Pipe connection with LK Compression Fitting RF..