Installation Guide

FHM-CN1

Pre-assembled Mixing Shunt

Installation overview

Installation procedure

The FHM-CN1 must be connected to a system according to the illustrations.

1. Pre-mounted union nut for connection to the primary side pipe. The union nut to control valve must be tightened with a torque of at least 85 Nm without any sealing materials.

2. Pre-mounted union nut for connection to the secondary side pipe or directly on a Danfoss manifold. The nut to mixing shunt must be tightened with a torque of 30 to 40 Nm with enclosed flat gasket.

3. FTC thermostatic sensor is in package. Mount it on the valve according to the enclosed instruction.

A → Flow of primary side
B → Flow of secondary side
C → Return of primary side
D → Return of secondary side
Tips

1. If the primary side pipe is coming from the bottom, the bend 4 (088U0821) can be ordered as an accessory. The bend must be tightened to the mixing shunt with a torque of 30 to 40 Nm.

2. Connection 5 and 6 are tightened from the factory. If leaks occur due to loosening during transportation, moving or similar, please tighten:
   • connection 5 at a torque of at least 85 Nm
   • connection 6 at a torque of 30 to 40 Nm

A  Flow of primary side
B  Flow of secondary side
C  Return of primary side
D  Return of secondary side