

CENTRA MIXING VALVES

for heating systems



[Motorized/pneumatic control valves](#) [Fittings](#)

Descriptions

In greenhouse horticulture, Centra mixing valves are most commonly used for mixing water temperature in heating, cooling, and air treatment systems. This is hardly surprising, as these mixing valves excel in reliability, service life, and excellent control performance. Honeywell has the right type of mixing valve for virtually every capacity and associated authority. From distributing to mixing. From 3-way to 4-way.

Many horticultural installations are optimally controlled with 3-way mixing valves. From large to small. With the latest mixing valve, the DR200 with an adjusted kvs value of 1000, our customers are able to create an installation that is even better suited to the processes in greenhouse horticulture.

Specifications

For feed water in heating and cooling systems (water with max. 50% glycol), water quality according to VDI2035.

3-way mixing valve

- o series: DR..GFLA
- o medium: water
- o materials: cast iron housing GG20, internal parts chromo-plated
- o seal: double O-ring
- o rotation angle: 90°
- o medium temp.: 2...130 °C
- o pressure rating: PN6
- o flange connection: DN 20 to DN 200
- o kvs: 6,3 to 1600
- o max. differential pressure: 100 kPa
- o torque for max. delta P: type dependent 20 - 40 Nm
- o connection: DIN 2531 flanges

Available on request:

- o type DR..GMLA, DN 15 to DN 40 with internal thread connection
- o 4-way mixing valves from connection size DN 15 t/m DN 200



Description

Servo motors for mixing valves type VMM 20, 30, and 40 in 24 and 230 Volt versions.

Specifications

- o Electric servomotor for three- and four-way valves, types DRU, DR, DR-G, and ZR. Also suitable for butterfly valves for cooling and heating systems.
- o protection class: IP54
- o Position indication: Indicator plate, reversible release button for manual operation
- o rotation angle: 90°
- o manual operation: yes
- o torque: type dependent 20 - 40Nm
- o power supply: 24 or 230VAC
- o control signal input: 3-point
- o potentiometer: 10k Ohm for position feedback
- o additional feedback contact: optional
- o running time: type dependent 1,6 - 3,5 min

Available on request with short running time, 1.2 min.

- o Type VMM 40-24F or VMM 40F (230 V)