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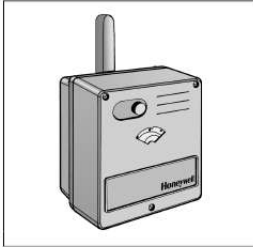
You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL M6061. You'll find the answers to all your questions on the HONEYWELL M6061 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL M6061
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Honeywell

M6061
ROTARY VALVE ACTUATORS

PRODUCT DATA



Application
The Honeywell M6061 actuator is designed to provide floating control in heating and air conditioning systems. High control performance and a robust design are standard for this actuator. In combination with the valves DR/ZR/DRU, it is possible to control very exact heating and cooling water temperatures. The mechanical interface between actuator and valve is designed for reliable operation. Actuators with torques from 10 Nm up to 40 Nm are available for a wide range of rotary mixing valves (DN 15 up to DN 150).

Specification per Actuator

torque (Nm)	order no. actuator 24Vac floating	order no. actuator 230Vac floating	run-time (min./90°)
10	M6061A1013	M6061L1019	1.5
20	M6061A1021	M6061L1027	1.6
30	M6061A1039	M6061L1035	2.3
40	M6061A1047	M6061L1043	3.5

Features

- Protected against overload and blocking
- Maintenance-free electrical actuator for rotary valves
- Clear position indicator
- Direct mounting on rotary valves
- Manual operation
- High torque
- Large wiring cabinet
- Long lifetime

Specifications

Power supply	230 Vac / 24 Vac; 50 Hz depending on type
Power consumption	3.5 VA
Control signal	230 Vac / 24 Vac floating depending on type (see table)
Run-time	depending on type (see table)
Nominal torque	10 Nm / 20 Nm / 30 Nm / 40 Nm, depending on type (see table)
Angle of rotation	90°
Protection standard	IP 54 per EN 60529
Insulation class	I per EN 60730
Ambient temperature for operation	0 to 60 °C
Water temp. in valve	2 to 130 °C
Relative humidity	non-condensing
Weight	1.5 kg

Suitable Valves
DRxxxGMLA, DRxxxGFLA, ZRxxxMA, ZRxxxFA, DRU

Mounting on the Valve
Before mounting the actuator, position the rotary valve according to its installation instruction.

Operation
The actuator is powered by a synchronous motor. The spindle of the actuator rotates 90° in the end positions, the motor is switched off by end switches. Manual operation disengages the gear from the valve. As soon as the actuator is powered, the valve is driven by the actuator again. There is no adjustment necessary. The actuator is maintenance-free.

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CE

EN08-0075GE51 R0907



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Manual abstract:

5 VA 230 Vac / 24 Vac, floating. depending on type (see table) depending on type (see table) 10 Nm / 20 Nm / 30 Nm / 40 Nm. depending on type (see table) 90° IP 54 per EN 60529 I per EN 60730 0 to 60 °C 2 to 130 °C non-condensing 1.5 kg Application The Honeywell M6061 actuator is designed to provide floating control in heating and air conditioning systems. High control performance and a robust design are standard for this actuator. In combination with the valves DR/ZR/DRU, it is possible to control very exact heating and cooling water temperatures. The mechanical interface between actuator and valve is designed for reliable operation. @@@@The spindle of the actuator rotates 90°. In the end positions, the motor is switched off by end switches. Manual operation declutches the gear from the valve.

@@There is no adjustment necessary. The actuator is maintenance-free. © U.S. Registered Trademark Copyright © 2007 Honeywell Inc.

@@@1. M6061 and DRxxxGMLA, dimensions (in mm) Table 2. @@2. @@@(kg) 2.4 2.

5 2.6 4.3 4.5 h a 146 a i 133 Fig. 3. M6061 and ZRxxxMA, dimensions (in mm) Table 4. ZRxxxFA, dimensions (in mm) a b c d e 150 15 179 75 100 160 16 188 90 120 170 16 188 100 130 190 16 202 110 140 210 16 219 130 160 250 18 219 150 190 270 18 240 170 210 310 18 267 200 240 330 20 274 225 265 390 22 314 280 320 c type ZR25FA ZR32FA ZR40FA ZR50FA ZR65FA ZR80FA ZR100FA ZR125FA ZR150FA ZR200FA DN 25 32 40 50 65 80 100 125 150 200 f 60 70 80 90 110 128 148 178 202 258 g 4x11 4x14 4x14 4x14 4x14 4x18 4x18 8x18 8x18 net wt. (kg) 4.8 7.6 8.

5 11.0 14.4 24.3 32.9 49.0 57.0 84.0 a b d 146 a e f g 133 Fig. 4. M6061 and ZRxxxFA, dimensions (in mm) c EN0B-0075GE51 R0907 4 M6061 PRODUCT DATA type DRU25-2.

5 DRU25-4.0 DRU25-6.3 DRU25-10 DRU25-16 DRU32-10 DRU32-16 DRU32-25 DN 25 25 25 25 25 32 32 32 a 55 55 55 55 55 70 70 b 32 32 32 32 32 44 44 44 Table 5. DRU, dimensions (in mm) c d e g h 110 89 55 51 182 110 89 55 51 182 110 89 55 51 182 110 89 55 51 182 110 89 55 51 182 140 99 70 59 200 140 99 70 59 200 R 1½ 1½ 1½ 1½ 2 2 2 net wt. (kg) 2. 2 2.2 2.2 2.2 2.2 4.

1 4.1 4.1 a b d 146 R c e g g h Fig. 5. @@Printed in Germany EN0B-0075GE51 R0907.



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