Air damper	Air filter	Heater	Fan	Humidifier	Restrictor	Restrictor	Air damper	Fire damper

Ex area

Ⓔx

Safe area

%rH

Hz

PLC-System   **PLC-System**

1 Quarter turn actuators for dampers and valves

ExMax
RedMax

- 5…150 Nm
- 3…150 sec/90°
- On-off, 3-pos
- modulating
- with/without spring return

2 Failsafe linear valve actuators

ExMax + LIN
RedMax + LIN

- 500…3.000 N
- 7,5…42 mm stroke
- 0,1…15 sec/mm
- On-off, 3-pos
- modulating
- with spring return

3 Linear valve actuators

ExRun
RedRun

- 500…10.000 N
- 5…60 mm stroke
- 2…15 sec/mm
- On-off, 3-pos
- modulating

4 Temperature and humidity sensors

ExCos-D
RedCos-D

- −40°C…+125°C
- 0…100 %rH
- full range adjustable

5 Pressure/differential pressure sensors

ExCos-P
RedCos-P

- ± 100…± 7.500 Pa
- full range adjustable

6 Filter monitoring, fan belt protection

ExBin-P
RedBin-P

- 0…5.000 Pa
- Pressure/Differential pressure
- Fan-belt protection
- Filter protection
- 1- or 2-stage switching point

7 Thermostats, humidistats, Frost protection

ExBin-D
RedBin-D

- −40°C…+125°C
- 0…100 %rH
- 1- or 2-stage

ExBin-FR
RedBin-FR

- −10°C…+15°C
- Capillary: 3 m, 6 m
- 1-stage switching point

8 Controller

ExReg-V
Differential pressure

- 0…300 Pa (VAV)

ExReg-D
Temperature/Humidity

- −40°C…+125°C
- 0…100 %rH