











# PNEUMATIC PROPORTIONAL VALVES

## Product Index



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| control                    | pressure | flow | pipe connections |    |     |     |     |     | pad mount  | control range (bar)  | flow at 6 bar l/min (ANR) | filtration (µm) | hysteresis                         | safety                | technology                         | special feature        | type      | illustration | series | page   |
|----------------------------|----------|------|------------------|----|-----|-----|-----|-----|------------|----------------------|---------------------------|-----------------|------------------------------------|-----------------------|------------------------------------|------------------------|-----------|--------------|--------|--------|
|                            |          |      | 4                | M5 | 1/8 | 1/4 | 3/8 | 1/2 |            |                      |                           |                 |                                    |                       |                                    |                        |           |              |        |        |
| <b>Proportional valves</b> |          |      |                  |    |     |     |     |     |            |                      |                           |                 |                                    |                       |                                    |                        |           |              |        |        |
| ●                          |          |      |                  |    |     |     |     |     | 0-20       | 210-5600             | 50                        | < 1%            |                                    |                       |                                    |                        | SENTRONIC |              | 601    | P300-1 |
| ●                          |          |      |                  |    |     |     |     |     | 0-16       | 700-5600             | 50                        | < 1%            | pressure released                  | poppet                | external supply of pressure sensor | SENTRONIC              |           | 601          | P300-3 |        |
| ●                          |          |      |                  |    |     |     |     |     | 0-1 vacuum | 210-5600 (to -1 bar) | 50                        | < 1%            | pressure released                  | poppet                | vacuum applications                | SENTRONIC              |           | 601          | P300-5 |        |
| ●                          |          |      |                  |    |     |     |     | ⊥   | 0-10       | 470-1300             | 50                        | < 1%            |                                    | poppet                | digital electronics                | SENTRONIC <sup>D</sup> |           | 608<br>609   | P302-1 |        |
| ●                          |          |      |                  |    |     |     |     |     | 0-10       | 7-4000               | 50                        | < 1%            | pressure held                      | pilot + booster       |                                    | Pulstronic             |           | 605          | P305   |        |
| ●                          |          |      |                  |    |     |     |     |     | 0-16       | 1400                 | 5                         | < 0,5%          | pressure held or pressure released | spool-sleeve assembly |                                    | Servotronic            |           | 607          | P330-1 |        |
| ●                          |          |      |                  |    |     |     |     |     | 0-16       | 1400                 | 5                         | < 0,5%          | pressure held or pressure released | spool-sleeve assembly |                                    | Servotronic            |           | 607          | P330-3 |        |

| control   | pipe connections |   |   |   |     |     |     | pad mount | control range (bar) | flow at 6 bar l/min (ANR)   | filtration (µm) | hysteresis | safety            | technology           | type  | illustration  | series | page   |
|---|------------------|---|---|---|-----|-----|-----|-----------|---------------------|---|-----------------|------------|-------------------|----------------------|---|---|--------|--------|
|   | pressure         | flow  | 4   | M5  | 1/8 | 1/4 | 3/8 |           |                     |   |                 |            |                   |                      |   |   |        |        |
| <b>Proportional valves</b>                        |                  |   |   |   |     |     |     |           |                     |   |                 |            |                   |                      |   |   |        |        |
| ●   |                  |   |   |   |     |     |     |           | 0 - 8               | 20-500  | 5               | < 2%       | pressure released | poppet + nozzle      | FLOWTRONIC <sup>D</sup>   |    | 607    | P340   |
| <b>Controller module for proportional valves</b>  |                  |   |   |   |     |     |     |           |                     |   |                 |            |                   |                      |   |   |        |        |
| ●   | ●                |   |   |   |     |     |     |           |                     |   |                 |            |                   |                      | CONTROL <sup>D</sup>  |    | 603    | P345   |
| <b>Mini piezo-valve</b>                           |                  |   |   |   |     |     |     |           |                     |   |                 |            |                   |                      |   |   |        |        |
| ●   |                  |  |  |  |     |     |     |           | ⊥ 0-8               | 0,086-0,12  | 5               | 10 to 15%  |                   | multi-layer ceramics | Piezotronic   |   | 630    | P310   |
| <b>Proportional solenoid valve</b>                |                  |   |   |   |     |     |     |           |                     |   |                 |            |                   |                      |   |   |        |        |
| ●   |                  |   |   |   |     |     |     |           | 0-16                | 700-5600  | 50              | -          | pressure released |                      |   |  | 602    | P300-7 |
| <b>Accessories for proportional valve control</b> |                  |   |   |   |     |     |     |           |                     |   |                 |            |                   |                      |   |   |        |        |
|   |                  |   |   |   |     |     |     |           | 0-1<br>0-20         | Pressure detector for proportional valves                                   |                 |            |                   |                      |  | 603   | P300-8 |        |
|   |                  |   |   |   |     |     |     |           |                     | Amplifier plug for proportional solenoid valves                             |                 |            |                   |                      |  | 603   | P300-8 |        |
|   |                  |   |   |   |     |     |     |           |                     | Set-point potentiometer 1-turn / 10-turn adjustment for proportional valves |                 |            |                   |                      |  | 603   | P300-8 |        |