



## Technical Specifications

### V200E-IS Electropneumatic Positioner

|                                 |                              |                  |                                  |
|---------------------------------|------------------------------|------------------|----------------------------------|
| Input range:                    | 4-20mA (Ri<170 ohms)         |                  |                                  |
| Supply pressure:                | 20-145 PSI    1MPa           |                  |                                  |
| Linearity error:                | <1.0% f.s.                   |                  |                                  |
| Hysteresis:                     | <0.6% f.s.                   |                  |                                  |
| Repeatability:                  | <0.5% f.s.                   |                  |                                  |
| <b>Pneumatic Flow</b>           | <b>Standard/Low Bleed</b>    | <b>High Gain</b> | <b>Super High Gain/High Flow</b> |
| Pressure Gain:                  | 240:1                        | 1100:1           | 1100:1                           |
| @87 PSI (600kPa)                |                              |                  |                                  |
| acc.to ISA S75.13               |                              |                  |                                  |
| <br>                            |                              |                  |                                  |
| Air Delivery:                   | SCFM                         |                  |                                  |
| @87 PSI (600kPa)                | 28.3                         | 31.8             | 50.0                             |
| <br>                            |                              |                  |                                  |
| Air Consumption:                | SCFM                         |                  |                                  |
| @87 PSI                         | <.2                          | .71              | 1.3                              |
| <br>                            |                              |                  |                                  |
| Temp Range:                     | -40° to 185° Fahrenheit      |                  |                                  |
|                                 | -40° to 85° Celsius          |                  |                                  |
| <br>                            |                              |                  |                                  |
| Air Connections:                | ¼" NPT or G Threads          |                  |                                  |
| Gauge port:                     | ⅛" NPT or G Threads          |                  |                                  |
| Cable entry:                    | ½" NPT or M20x1.5 or PG 13.5 |                  |                                  |
| <br>                            |                              |                  |                                  |
| Ingress & corrosion protection: | Nema 4X and IP 66            |                  |                                  |
| Coating:                        | Powder Polyester             |                  |                                  |
| <br>                            |                              |                  |                                  |
| Weight                          | 3.8 lbs                      | 1.7 kg           |                                  |

### IS Approvals

Atex/Cenelec EEx ia IIC T4-T6

FM/CSA    CL I Div 1 Grp ABCD  
            CL I Div 2 Grp ABCD