


### STANDARD FEATURES

- Needle valve flow control;
- Quick removal from convey line;
- Pilot line control;
- Pressure gauge to monitor back pressure in convey line;
- Available Size=  $\frac{1}{2}$ " and 1"

### OPTIONAL FEATURES

- Check valve;
- Dual air assist per connection for increased flow;
- Digital Pressure Control for pilot air;
- Sphere Valve Isolating Air Assist Unit for maintenance and cleaning.

### SPECIFICATIONS

- Air Requirements:
  - filtered (5 mm, class 3 table 3.1A ISO 8573.1);
  - residual oil 0,01mg/m<sup>3</sup> / 1mg/m<sup>3</sup> (class 3 table 3.1C ISO 8573.1);
  - dry, compressed air from 5 bar to 6 bar (dew point -40°C / 3°C, class 2 - table 3.1B ISO 8573);
- Design Temperature: -7 C°. to 82 C°.
- Design Pressure: 6 bar max.
- Nominal Pressure: 1.4 to 2,5 bar.
- ATEX 94/9/CE design. 

THE NOL-TEC **AIR ASSIST™** IS A PATENT SYSTEM, STRATEGICALLY POSITIONED ALONG THE CONVEY LINE, THAT INJECTS AIR IN THE CONVEYING PIPELINE BREAKING THE PRODUCT FLOW IN REGULAR SLUDGE.

THE AIR ASSIST™ CAN BE USED IN A PRESSURE OR VACUUM CONVEY LINE, IN DENSE PHASE. IT REDUCES ALL RESISTANCES IN CONVEY LINE, ALLOWING LONG DISTANCE CONVEYING SYSTEMS, AT LOW SPEED.

THE AIR ASSIST™ CAN MONITOR AIR PRESSURE, SPEED AND AIR/PRODUCT RATIO. THIS ALLOWS CONVEYING SYSTEM FOR ABRASIVE AND FRAGILE PRODUCTS.