

## piSAVE optimize



- Vacuum controlled proportional pressure regulator, a fully pneumatic device suitable for air-driven ejectors/pumps.
- The feed pressure to the vacuum pump/ejector is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- Recommended for leaking and sealed applications to save energy and secure the right vacuum level.
- Extra port for vacuum gauge
- Air ventilation port with filter
- Swivel compressed air connections
- piSAVE optimize gives maximum feed pressure/flow to vacuum pump/ejector until vacuum level starts to build up.
- Separate mounting bracket kit
- Upgrade kit - available as an integrated module for piCLASSIC and Classic vacuum pumps

### Technical data

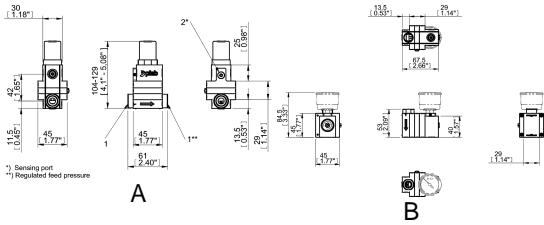
| Description                     | Unit          | Value   |
|---------------------------------|---------------|---|
| Feed pressure max.              | psi           | 101.5   |
| Feed pressure min.              | psi           | 58  |
| Feed pressure                   | Pressure drop | 7.25 psi @ 101.5 psi and 31.8 scfm            |
| Material                        |               | Al, CuZn, HNBR, NBR, SS, PA66                 |
| Temperature range               | °F            | 14-140  |
| Weight                          | oz            | 11.4 (9.45)*                                  |
| Operation range                 | -inHg         | 7.5-21 (9-18)*                                |
| Accuracy                        | -inHg         | ±0.89   |
| Min. Flow                       | scfm          | 3.54 @ recommended ejector/pump feed pressure |
| Max. Flow                       | scfm          | 31.8  |
| Life span                       | years         | 5 or 5 million cycles                         |
| Min particle size               | µm            | 5   |
| Max distance to vacuum system** | ft            | 10  |

\*) piCLASSIC/Classic integrated version.

\*\*) Vacuum sensing hose.

### Ordering information

|   | Description                                       | Part No.  |
|---|---|-----------|
| A | piSAVE optimize stand-alone 7.5-21 -inHg G3/8"    | 01.28.999 |
| A | piSAVE optimize stand-alone 7.5-21 -inHg 3/8" NPT | 01.29.000 |
| B | piSAVE optimize upgrade kit piCLASSIC/Classic     | 01.29.002 |



### Ordering information accessories

| Description                             | Part No.  |
|---|-----------|
| Mounting kit piSAVE optimize            | 01.29.003 |
| Vacuum gauge 30 -inHg/100 -kPa -30 inHg | 31.01.602 |