

# Condensate drain

## Series TIMEDRAIN

### Type TRAP-AZ

## Electronic timer controlled condensate drain

#### Product Features

The TRAP-AZ can be installed on all compressed air system components (compressors, after coolers, dryers, filters, pressure vessels and drip legs), regardless of their size or capacity - simply adjust the interval and discharge times to suit the particular compressed air system.

The TRAP-AZ® is designed to be the most flexible timer drain in the world. Most end-user application requirements can be met by combining the TRAP-AZ timer with a massive range of valve options.

#### Various options are:

- ✓ valve connection sizes 1/8" through 1/2"
- ✓ pressure range 0 through 500 bar
- ✓ voltage range 12 through 380VAC/DC, 50/60Hz
- ✓ brass or stainless steel valves
- ✓ Normally open valves (fail safe)

#### Commercial Benefits

- ✓ Successful draining of condensate due to large orifice.
- ✓ (also heavily emulsified condensate).
- ✓ Low stocking cost advantages for you and a low purchase threshold for your customers.
- ✓ Total adaptability to ensure virtually all end-user requirements can be fulfilled.

#### Technical Advantages

- ✓ Visual display of operating status.
- ✓ Application environment up to IP65 (NEMA 4)
- ✓ 12 – 380 VAC/DC voltage options are available.
- ✓ Newly designed easy-grip adjusting knobs.
- ✓ Incredibly simple and quick to install and service.
- ✓ Can not be air-locked.
- ✓ Direct acting valve assembly, ensuring consistent discharge operation.
- ✓ FPM valve seal and a large reliable valve orifice (4.5 mm).
- ✓ Suitable for any type of compressed air system, no complicated sizing charts required.



#### Timer

|                          |   |
|--------------------------|---|
| Interval time            | 0.5 - 45 minutes, adjustable                                  |
| Discharge time           | 0.5 - 10 seconds, adjustable                                  |
| Supply voltage options   | 12 - 380 VAC/DC, 50/60 Hz                                     |
| Current consumption      | 4mA maximum   |
| Operating temperature    | -40° C to +55° C  |
| Environmental protection | IP 65, NEMA 4 when installed                                  |
| Housing material         | ABS plastic FR grade  |
| Connection               | 43650ADIN ISO 4400  |
| Indicators               | 1 LED (yellow) indicating ON<br>1 LED (yellow) indicating OFF |

#### Valve

|                              |   |
|------------------------------|---|
| Type                         | 2/2 way direct acting                             |
| In/out ports                 | 1/8", 1/4", 3/8" & 1/2" BSP or NPT                |
| Pressure range               | 0 - 16 bar g (For higher pressures consult pure!) |
| Temperature range.           | 2° C/55° C ambient                                |
| Medium temp.                 | Max. 55° C  |
| Valve body                   | Brass, orifice 4.5 mm (stainless steel available) |
| Supply voltage options       | Coil 12 - 380 VAC/DC, 50/60 Hz (100% ED)          |
| Insulation Grade             | H-grade   |
| Environmental Protection     | IP 65   |
| Valve seal                   | FPM   |
| See coil for correct voltage | Voltage tolerance +/- 10%                         |