



TD M SERIES

TIMER CONTROLLED CONDENSATE DRAIN

16, 25, 50, 150 bar

operating pressure

95 l/h

drain capacity

1/2"

connections

1,5 to 65 °C

operating temperature range

DESCRIPTION

TD M timer controlled condensate drain is designed for reliable removal of condensate or other liquid from compressed air system. For any other technical gas please contact producer or your local distributor.

Discharge intervals can be set with two adjustment knobs. TD M drain is available in several types based on operating pressure and operating medium.

TD M can be used in variety of applications. For applications not listed please contact producer or your local dealer.



APPLICATIONS

- Air compressor (piston or screw)
- After-cooler
- Cyclone condensate separator
- Pressure vessel/Air tank
- Air dryer
- Air filter



| TECHNICAL DATA | TD16M | | TD25M | | TD50M | | TD150M | | TD16Mcr | |
|---------------------------|-----------------------------------|---------------|-----------------------------------|---------------|-----------------------------------|---------------|-----------------------------------|---------------|-----------------------------------|---------------|
| | 115 V | 230 V | 115 V | 230 V | 115 V | 230 V | 115 V | 230 V | 115 V | 230 V |
| Supply voltage | 115 V | 230 V | 115 V | 230 V | 115 V | 230 V | 115 V | 230 V | 115 V | 230 V |
| Operating temp. range | 1,5 - 65 °C (35-149 °F) | | 1,5 - 65 °C (35-149 °F) | | 1,5 - 65 °C (35-149 °F) | | 1,5 - 65 °C (35-149 °F) | | 1,5 - 65 °C (35-149 °F) | |
| Operating pressure | 16 bar (232 psi) | | 25 bar (362 psi) | | 50 bar (735 psi) | | 150 bar (2175 psi) | | 16 bar (232 psi) | |
| Protection class | IP65 | | IP65 | | IP65 | | IP65 | | IP65 | |
| Coil power | 18VA (holding), 36 VA (inrush) | | 18VA (holding), 36 VA (inrush) | | 18VA (holding), 36 VA (inrush) | | 18VA (holding), 36 VA (inrush) | | 18VA (holding), 36 VA (inrush) | |
| Cable dimensions | 3 × 0,75 mm ² | | 3 × 0,75 mm ² | | 3 × 0,75 mm ² | | 3 × 0,75 mm ² | | 3 × 0,75 mm ² | |
| Mass (cable+valve) | 0,35 kg | | 0,35 kg | | 0,35 kg | | 0,35 kg | | 0,35 kg | |
| Mass (strainer) | 0,23 kg | | 0,23 kg | | 0,23 kg | | - | | 0,23 kg | |
| Time ON | 0,5 s - 10 s | | 0,5 s - 10 s | | 0,5 s - 10 s | | 0,5 s - 10 s | | 0,5 s - 10 s | |
| Time OFF | 0,5 min - 45 min | | 0,5 min - 45 min | | 0,5 min - 45 min | | 0,5 min - 45 min | | 0,5 min - 45 min | |
| Drain capacity (at 7 bar) | 144 l/h | | 113 l/h | | 74 l/h | | 95 l/h | | 204 l/h | |
| Flow rate Kvs | 2,4 l/min | | 1,5 l/min | | 0,7 l/min | | 0,7 l/min | | 3,4 l/min | |
| Inlet connection | R 1/2" | | R 1/2" | | R 1/2" | | R 1/4" | | R 1/2" | |
| Outlet connection | R 1/4" | | R 1/4" | | R 1/4" | | R 1/4" | | R 1/4" | |
| Dimensions L×B×H [mm] | 77×79×93 | 87,5×90,5×123 | 77×79×93 | 87,5×90,5×123 | 77×79×93 | 87,5×90,5×123 | 77×79×93 | 87,5×90,5×123 | 77×79×93 | 87,5×90,5×123 |
| Medium | Air, water, oil | | Air, water, oil | | Air, water, oil | | Air, water, oil | | Aggressive fluids | |
| Option strainer | yes | | yes | | yes | | no | | no | |

