

TD-1/4 SERIES DRAIN

WHEN INSTALLING THE ELECTRONIC DRAIN VALVE MAKE SURE:

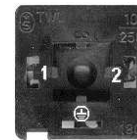
- POWER IS TURNED OFF
- AIR SYSTEM IS DRAINED (ZERO PRESSURE)

CONTACT BLOCK

INSTALLATION

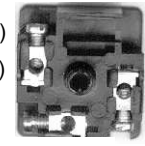
- Verify flow direction. (stamped on valve body)
- Valve can be mounted in any position.
- Install a condensate drain on the outlet side of drain valve for proper collection and drainage of condensate.
- If tubing is used for draining, Beware of "Whipping" when valve is open.
- Remove Contact Block from connector and attach wires as shown at right.

FRONT



NEUTRAL (AC)
- NEG (DC)

BACK



LINE (AC)
+ POS (DC)

GROUND

SPECIFICATIONS

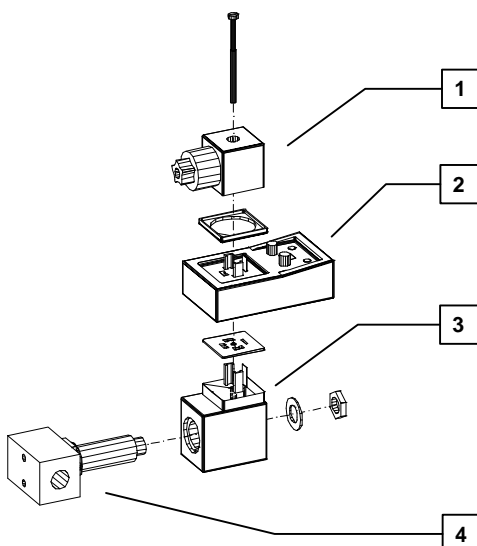
TIMER

Interval time (T2)	.5 - 45 minutes
Discharge time (T1)	.5 - 10 seconds
Supply Voltage	24v-240v 50/60Hz (+/- 10%)
Current Consumption	4mA Max.
Operating Temperature	-10°C to +50°C
Environmental Protection	NEMA 4
Case Material	ABS Plastic FR Grade
Connection	DIN 43650A ISO 4400/6952

Type	2-way direct acting valve
In/Out Ports	1/4", NPT Female
Max. Working Pressure	300 PSI
Operating Temperature	2°C - 55°C Ambient
Media Temperature	90°C Max.
Valve Body	Forged Brass
Orifice	.157" 4.0 MM
Insulation	Thermal Group F
Environmental Protection	IP 65/Nema 4
Supply Voltage	115v (see coil for correct supply)
Voltage Tolerance	+/- 10%
Mounting	Any position

VALVE

MAINTENANCE



REPLACEMENT PARTS

Description	Part No.
1 - Din Connector	C18209N2
1b Electric Cord	302145F
2 - Timer	8201 (24v-240v)
3 - Coil	
Standard	
115v AC	42320
230v AC	42300
24 VDC	42480
24 VAC	42460
4 - Valve	
1/4"	41101
3/8"	41102
1/2"	41103

TIMER SETTING

Set INTERVAL time (T2) using RIGHT adjusting knob.
Set DISCHARGE time (T1) using LEFT adjusting knob.

Set T1 to 2 seconds and T2 to 20 minutes.
(Adjust as necessary)

The Electronic Drain Valve is maintenance free. However, we recommend replacing wearing parts every Two (2) years. We also recommend testing the drain every time the compressed air system is checked, by pressing the TEST Switch on the timer.