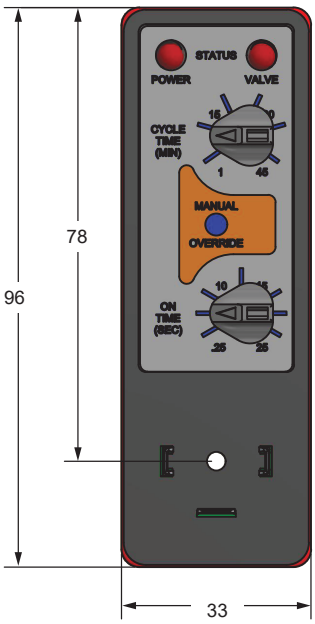
GENERAL DESCRIPTION

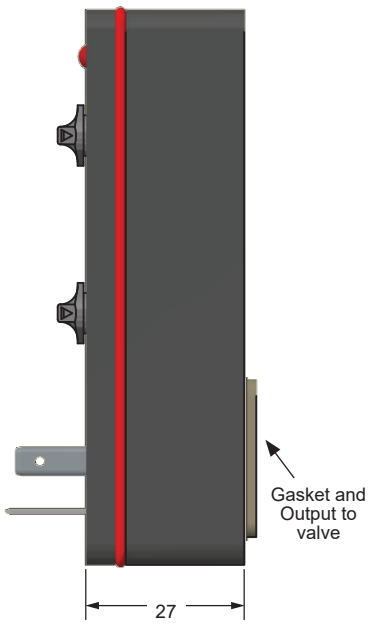
This Canfield Connector miniature timer makes any valve, with the DIN Style “A” EN175301-803 (Formerly DIN 43650) electrical interface, able to operate as a compressed air system condensate removal valve. The unit installs in a modular form between an existing coil and connector. No new wiring is necessary. Retrofits on virtually any installation. It works with the valve brand of your choice. The cycle and on times are easily adjustable and two indicator lights show status.

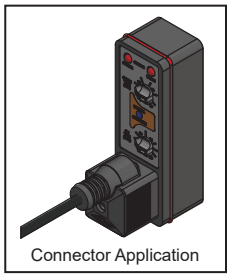


DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.





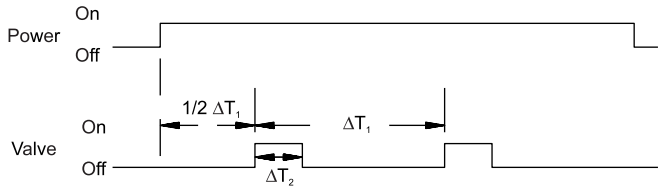

Connector Application

TECHNICAL DATA

Voltage Range	12-60 VDC, 12-240 VAC 50/60 Hz
Max. Output Current	1 Amp AC, 1Amp DC
Transient Suppression	AC - MOV DC - Diode
Materials	Housing: PA
Temp. Range	-20° to +65°C
Environmental Protection	IP 65 and NEMA 4 (When properly installed)
Size	ISO: 18mm pin spacing - DIN Style “A” EN175301-803

TIMER FUNCTION

Upon application of power to the input terminals, the OFF time is initiated. At the end of the preset CYCLE time, the solenoid is energized and the ON time begins. At the end of the preset ON time, power is removed from the solenoid and a new cycle begins. Cycling continues until power is removed from the input terminals.



ΔT_1 = Cycle Rate (1 min. to 45 min.)
ΔT_2 = Valve ON Time (.25 sec. to 25 sec.)

ORDERING INFORMATION

Contains mounting screw and gasket.

5940 - □ 000 □

Power Connection
0 - None
1 - 5F ISO 2+G 6' cable with 120V plug
2 - 5000 ISO 2+G 1/2" conduit
3 - 5F ISO 2+G 6' cable

Voltage Range
2 - 12 - 60 VDC
4 - 12 - 120 VAC
5 - 120 - 240 VAC

Consult factory for available versions listed by Canadian Standards Association for use with certified electrical equipment.

Ordering Example: 5940 - 10005

Sandwich Timer (CRT), 5F ISO 2+G 6' cable, 120 to 240 VAC