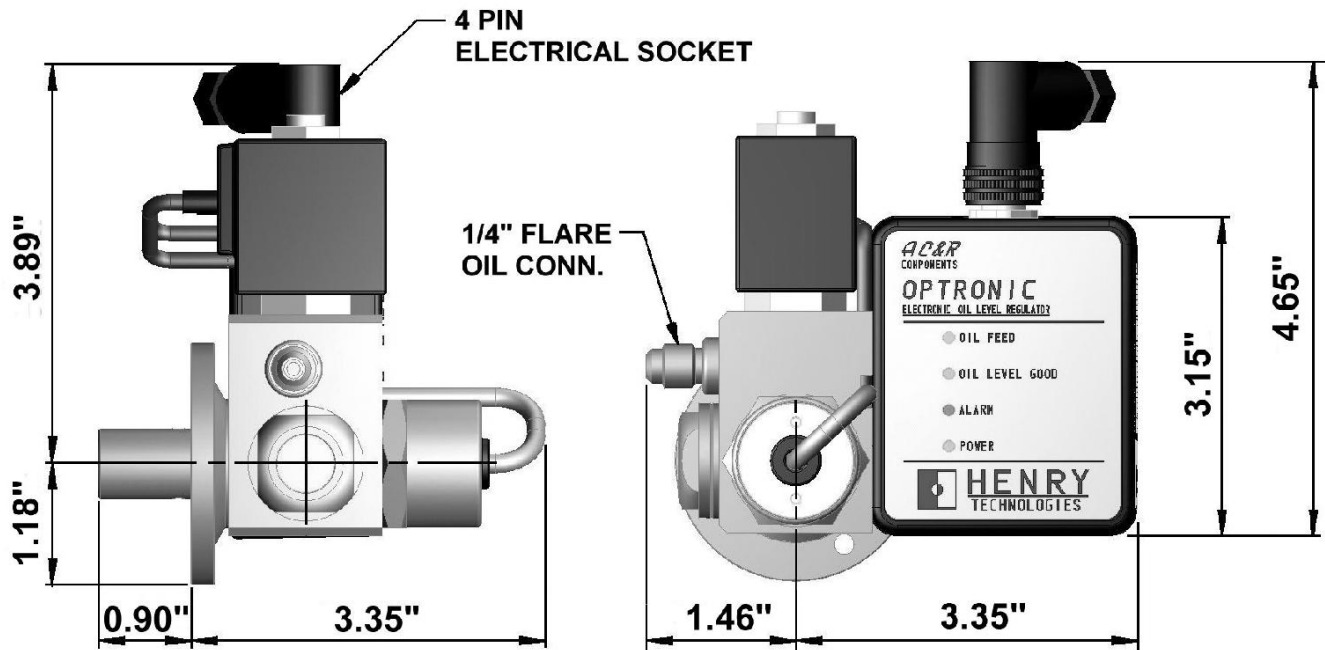


ELECTRONIC OIL LEVEL

Control: Optronic OP-02



Specifications:

The Optronic Oil Level Regulator* is designed to control the oil level in the compressor crankcase using proven optical sensor technology. The stand alone regulator is suitable for both high pressure and low pressure oil management control systems. The oil is regulated at 1/2 Sight Glass using a pulse timer. When a low oil condition is detected, there is a 15 second time delay prior to oil feed to ensure stability and prevent overflow. Oil is then pulsed into the compressor at 3 second on/off intervals. If demand is not satisfied after 2 minutes of continuous oil feed, a low level alarm is initiated by means of a fail-safe electrical contact. During the alarm condition the regulator will continue to pulse feed oil. The alarm will reset automatically if the oil returns to 1/2 glass. The alarm contact may be used to shut down the compressor in the event of a low level condition. The Optronic Regulator is fitted to the sight glass housing of the compressor and has an integral sight glass that allows visual inspection of the crankcase oil level.

*Utilizing patented technology-Patent #5,278,426.

- Max Working Pressure:** 500 PSIG
- Max Differential Pressure:** 350 PSIG
- Max Ambient Temp:** 113°F
- Max Fluid Temp:** 176°F
- Supply Voltage (Connections 1 & 2):** 24V AC 50 / 60HZ
- Rated Operating Current:** 0.5 Amps
- Alarm contacts (Connections 3 & 4):** Volt Free, N/O
- Alarm Contact Rating:** 24V DC@ 2A, 120 V AC@2A
- Electrical connection:** 4 Pin M12 Circular, IEC60947-5-2
- Protection Class:** IP54
- Status LED's:** 4
- Oil supply Line:** 1/4" Flare
- Weight:** 2.6 LBS
- Approved Refrigerant/Oils:** HFC/POE

(For other Refrigerant/Oil combinations contact Henry Technologies)

The Optronic Regulator meets the requirements of UL and bears the UR symbol. The regulator is CE marked in accordance with the EMC directive.

