

TraxOil Electronic Oil Level Control

Efficiency And Reliability From The Inventor
Of Electronic Oil Level Management



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The OM3/OM4/OM5 TraxOil level control system from Emerson Climate Technologies detects and controls oil levels in all types of commercial refrigeration compressors. The light-weight aluminum base and state-of-the-art design make it perfect for use with all scroll and reciprocating refrigeration compressors.

Features

- Maximum operating pressure: 35 bar, 60 bar or 130 bar
- Full sight glass functionality
- SPDT output contact for compressor shut down or alarming (230VAC / 3A)
- Most reliable solution with already 500.000 pcs installed
- High flexibility with base unit, separate adapters and power / relay cables
- Easy to mount cable assembly with integrated 230V Module OM-230V (3.0m, 6.0m)
- Molded housing (IP65) for outdoor mounting
- Three zone level control by using precise hall sensor measurement, not prone to errors by foaming or light like optical sensors
- Alarm, status and three zone indication by LED's
- Easy installation by sight-glass replacement and front side mounting without nuts
- Adapters suitable for all types of compressors

The new economic OW4/OW5 oil level monitoring system with alarm function and compressor shut down offers a competitive solution in compressor shutdown functionality compared to mechanical solutions.

Features

- All features of OM4/OM5 besides solenoid valve function
- Maximum operating pressure: 60 bar or 100 bar

Trend To Electronic Oil Level Solutions

1. Suitable for low and high pressure oil distribution
2. Active alarm management with compressor shutdown
3. Easy monitoring and status indication



OM5 130 bar



OW4

Flexibility At A Glance

4 Base Units



OM4 60 bar

OM5 130 bar

OM3 35 bar

OW4 & OW5

2 Delay Times For Alarm

20s or 120s

HFC and CO₂

Cable Assembly 230V

Cable Assembly 24V

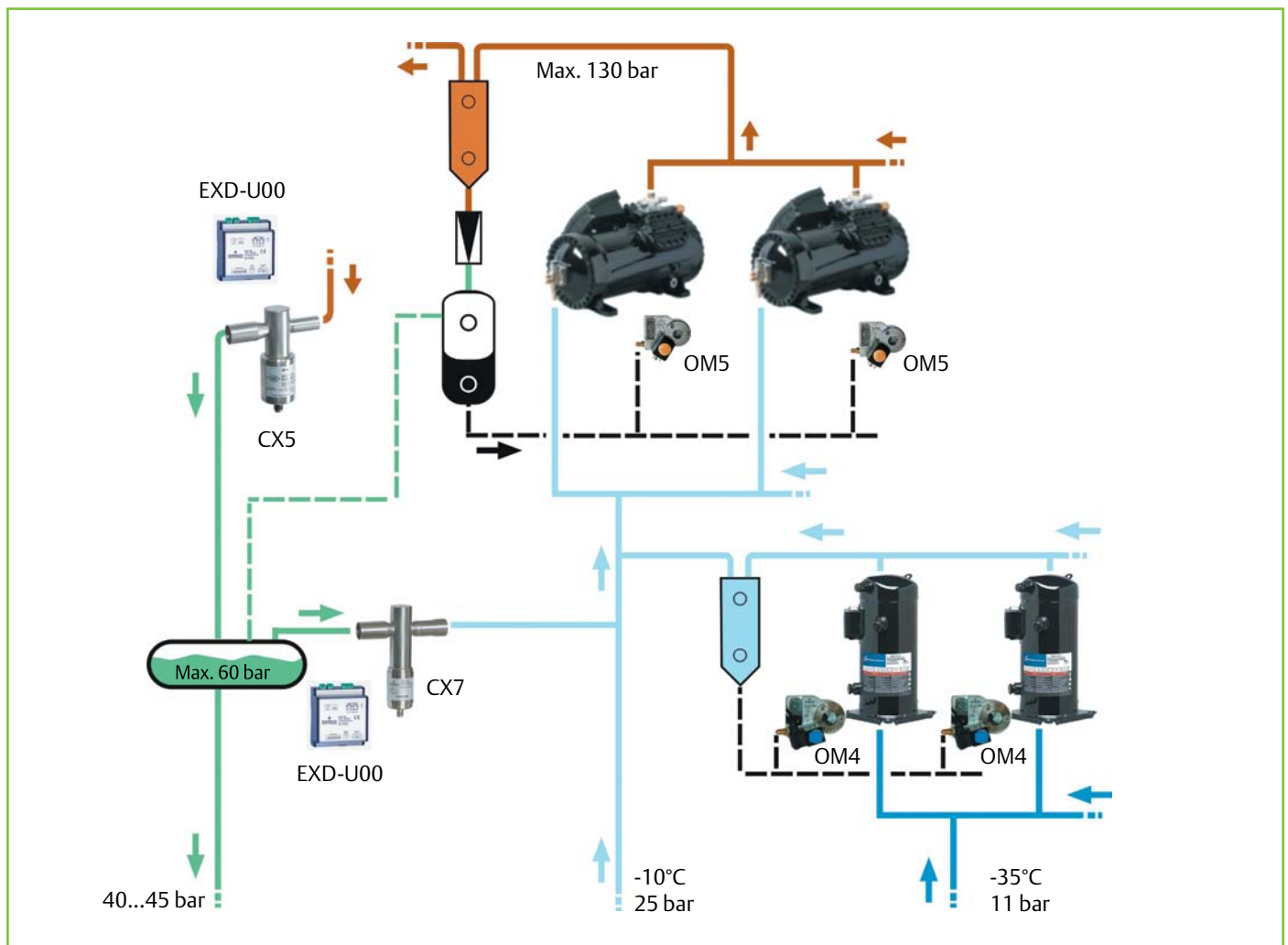
2 Supply Voltages

7 Adapters

- OM0-CBB Screw adapter 1-1/8"-18 UNEF
- OM0-CCA Screw adapter 3/4"-14 NPTF
- OM0-CCB Screw adapter 1-1/8"-12 UNF
- OM0-CCC 3 Hole flange adapter
- OM0-CCD Rotalock adapter 1-3/4"-12 UNF
- OM0-CCE Rotalock adapter 1-1/4"-12 UNF
- OM0-CUA Flange adapter 3-/4-hole



TraxOil OM4 and OM5 Transcritical / Subcritical Applications



Besides the Traxoil OM5, Emerson Climate Technologies offers state of the art components for CO₂ systems: Copeland Stream semi-hermetic and Copeland Scroll ZO line compressors, Alco CX electrical control valves and EXD-U valve drivers.

For more details, see www.emersonclimate.eu

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