

## Electronic Oil Level Monitoring TraxOil™ OW4 and OW5

OW4 and OW5 TraxOil are intended for systems which require oil level monitoring and alarming instead of active oil level balancing.

### Features

- OW4 for CO<sub>2</sub> subcritical and selected HFC and HFO/HFO blends refrigerants  
max. working pressure PS: 60 bar
- OW5 for CO<sub>2</sub> transcritical
  - max. working pressure PS: 100 bar
  - CO<sub>2</sub> optimized gasket material, not released for HCFC and HFCs
  - Adapters with CO<sub>2</sub> optimized gasket material
- 3 Zone Level Control by using precise Hall-sensor measurement, not prone to errors by foaming or light like optical sensors
- Alarm, status and 3 zone indication by LED's
- SPDT output contact for compressor shut down or alarming, rating 230VAC / 3A
- Easy installation by sight-glass replacement and front side mounting without nuts
- Supply 24V AC, 50/60Hz
- Recommended by leading compressor manufacturers
- **CE** marking under Low Voltage and EMC Directive



OW4 TraxOil



OW5 TraxOil

## Selection Table (Select One Item of Each Group)

### 1. Base Units (Supplied Without Adapter)

Type	Part No.	Max. Working Pressure	Time Delay Alarm
OW4-020	805 116	60 Bar	20 Sec

### 2. Adapter

OM0-CUA	805037	Flange Adapter 3-/4-Hole
OM0-CCC	805041	Flange Adapter 3-Hole
OM0-CBB	805038	Screw Adapter 1-1/8"-18 UNEF
OM0-CCA	805039	Screw Adapter 3/4"-14 NPTF
OM0-CCB	805040	Screw Adapter 1-1/8"-12 UNF
OM0-CCD	805042	Rotalock Adapter 1-3/4"-12UNF
OM0-CCE	805043	Rotalock Adapter 1-1/4"-12UNF

Compressor Models See OM3 Series.

### 3. Relay Cables

OM3-N30	805 141	Connection to Relay 3.0 m
OM3-N60	805 142	Connection to Relay 6.0 m
OM3-N100	805 146	Connection to Relay 10.0 m

### 4. Power Cables

Type	Part No.	Description	Cable Length
OW-24V-3	804 672	Connection to Power Supply 24VAC	3.0m

## Product Selection (Select One Item of Each Group)

### 1. Base Units (Supplied Without Adapter)

Type	Part No.	Max. working Pressure PS (bar)	Time Delay Alarm
OW5-120	805 241	100 Bar	120 Sec

### 2. Adapter

OM0-CUA CO <sub>2</sub>	805 337	Flange Adapter 3-/4-Hole
OM0-CCC CO <sub>2</sub>	805 341	Flange Adapter 3-Hole
OM0-CUD CO <sub>2</sub>	805 049	Flange Adapter 6-/6-Hole
OM0-CBB CO <sub>2</sub>	805 338	Screw Adapter 1-1/8"-18 UNEF
OM0-CCA CO <sub>2</sub>	805 339	Screw Adapter 3/4"-14 NPTF
OM0-CCB CO <sub>2</sub>	805 340	Screw Adapter 1-1/8"-12 UNF
OM0-CCD CO <sub>2</sub>	805 342	Rotalock Adapter 1-3/4"-12UNF
OM0-CCE CO <sub>2</sub>	805 343	Rotalock Adapter 1-1/4"-12UNF

Compressor models see OM3 series.

### 3. Relay Cables

OM3-N30	805 141	Connection to Relay 3.0 m
OM3-N60	805 142	Connection to Relay 6.0 m
OM3-N100	805 146	Connection to Relay 10.0 m

### 4. Power Cables

Type	Part No.	Description	Cable Length
OW-24V-3	804 672	Connection to Power Supply 24VAC	3.0 m

## Accessories and Spare Parts

Type	Part No.	Description
ECT-623	804 421	Transformer 230 VAC / 24 VAC, 60 VA (Supply of 3 Pieces Base Unit)
OM-HFC-K01	805 081	Sealing Kit OW4 (Consists of All O-Rings, Incl. Adapter Gaskets)
OM-CO2-K01	805 079	Sealing Kit OW5 (Consists of All O-Rings, Incl. Adapter Gaskets)

## Technical Data

<b>Markings:</b>	<b>CE</b> Under: -Low Voltage Directive -EMC Directive
<b>Max. Working Pressure PS: Max. Test Pressure PT:</b>	OW4: 60 Bar    OW5: 100 Bar OW4: 66 Bar    OW5: 110 Bar
<b>Supply Voltage Current</b>	24VAC, 50/60Hz, ±10%, 0.05A
<b>Medium Temperature Ambient/Storage Temperature</b>	-20...80°C -20...50°C
<b>Medium Compatibility</b>	OW4: R410A, R134a, R22, R404A, R507, R407C, R1234ze, R448A, R449A, R450A, R513A, R452A, R744  OW5: CO <sub>2</sub>  Mineral, Synthetic and Ester Lubricants

<b>Orientation of Base Unit: Level Control:</b>	Horizontal, +/- 1° 40%...60% Sight Glass Height
<b>Alarm Contact:</b>	Max. 3 A, 230 VAC SPDT Dry Contact
<b>Time Delay Alarm:</b>	20 Sec or 120 Sec
<b>Protection Class</b>	IP 65 with plug/cable assembly acc. EN 60529 test conditions