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**RANCO**

**RW-130.34E**

## RK 30 OIL LEVEL CONTROLS

**RANCO**



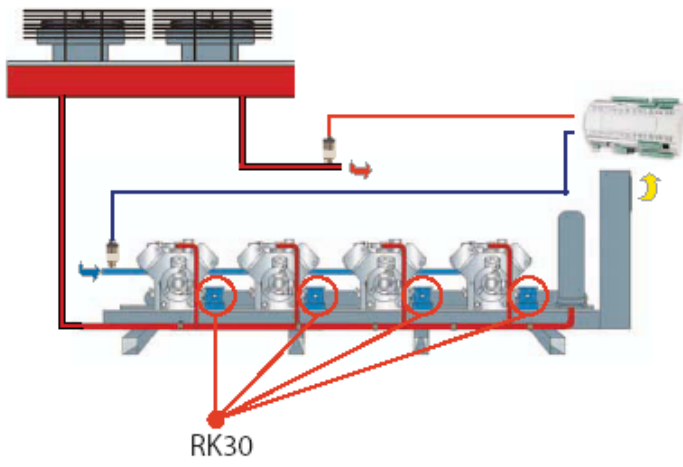
MODEL	DESCRIPTION
RK30000000500	Left Without adapter 45 bar
RK30100000500	Right Adapter 45 bar
RK30010000500	Left 1 - 1/8" UNEF
RK30110000500	Right 1 - 1/8" UNEF
RK30020000500	Left 3/4" NPT - 45 bar
RK30120000500	Right 3/4" NPT - 45 bar
RK30030000500	Left Gasket 3/4/6 holes 45 bar
RK30130000500	Right Gasket 3/4/6 holes 45 bar
RK30033000500	Left Gasket 3/4/6 holes 45 bar
RK30133000500	Right Gasket 3/4/6 holes 45 bar
RK30CA0300000	Valve cable

### TECHNICAL DATA

- »High reliability assured by the lack of moving mechanical parts.
- »Fast visual inspection as inspection window and LED on same side.
- »No leakage from inspection window - the absence of seals and the steel-glass fusion technology guarantee excellent chemical compatibility..
- »Direct mounting on 3 or 4-hole flange fittings.
- »Simple maintenance: quick coil replacement thanks to the dedicated connector and optoelectronic sensor, removable with no need to drain and/or vent system.
- »No external pressure reducing systems.
- »Maximum compatibility with a wide variety of refrigerant when fitting different solenoid valves (also externally).
- »Direct safety chain connection via relay.
- »Adapters for fitting to different types of compressor.

	RK 30
<b>Power supply</b>	24V~ ±10% 50/60Hz
<b>Casing</b>	nickel-plated steel
<b>Output</b>	on 2A @ 230V relay (NO) or voltage-free (NC)
<b>Operating current</b>	0.6A depending on type of coil
<b>Power</b>	30VA on transformer for every RK30
<b>Oil injection connection</b>	7/16 -020 UNEF male
<b>Oil temperature</b>	-40°C...+85°C
<b>Max operating pressure</b>	45 bar (90 bar on request)
<b>Differential pressure</b>	45 bar (60 bar on request))
<b>Protection class</b>	IP65
<b>Cable</b>	PVC, -20...-70°C (fixed laying)

- »RK30 controls the oil level in the compressor to prevent operation without lubricant.
- »RK30 checks the oil level via the integrated opto-electronic sensor, and also features a solenoid valve to automatically top up the oil.
- »The output either generates an external alarm or stops the compressor by means of an external power relay if there is no oil for a prolonged period.
- »No moving parts, ensuring lasting reliability
- »Extremely compact
- »Reduced number of joints in circuit
- »Uses a smaller number of components
- »Easy to install



**Example of typical use:  
oil return system with  
multiple compressors**