

TK3



The **TK3 monitors** the oil level in the compressors crankcase with the incorporated electro-optic level switch and the solenoid valve that can be directly mounted on its body or external. The electronic offer also an open contact relay output to be used as alarm (up to 240 VAC /2A). Its very compact dual-pitch flange-like design let the mounting more easy: the TK3 can be mounted directly onto 3 bolts or 4 bolts compressors giving the possibility to rack manufacturers to build more compact units. If the compressor has a threaded instead of a flanged sight glass, adapter kits are available. The sightglass is still available and it is on the same side of the LEDs in order to give the complete situation about the oil status in one eye-shot.

Key features: Reduced size
 High reliability control
 Replaceable electronic without depressurizing the system
 No need for external pressure adapters
 240VAC Alarm contact available
 LEDs and sightglass give immediate reading of system status

| Technical Data | |
|-----------------------|---|
| SUPPLY VOLTAGE | 24 VAC \pm 10% @ 50Hz |
| SUPPLY CURRENT 0,6A | (depending on the solenoid valve) |
| ELECTRICAL CONNECTION | 4 pin M12x1 connector |
| OUTPUT SIGNAL | Contact free relay output |
| RELAY OUTPUTS | 24VDC @2A – 230VAC @2A The alarm contact is closed when power is applied |
| HOUSING | Nickel plated steel |
| ENCLOSURE | Housing: IP 65, terminals: IP 65 |
| MEDIA TEMPERATURE | -20°C..+85°C |
| AMBIENT TEMPERATURE | -20°C..+60°C |
| OPERATING PRESSURE | max. 30 bar |
| DIFFERENTIAL PRESSURE | max. 24 bar |
| OIL RETURN LINE | 7/16 – 20 UNEF |

SECUROIL[®]
OIL CONTROL SYSTEM