

Oil Level Regulator - ICG580R / ICG580RM

油位控制器 - ICG580R / ICG580RM



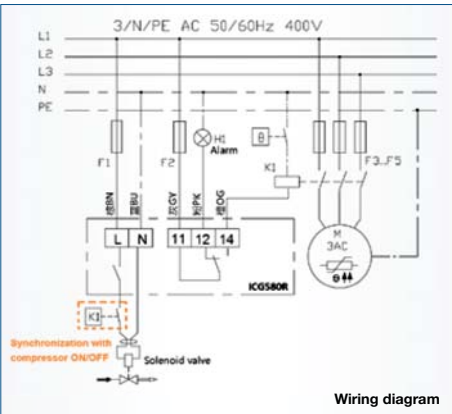
APPLICATION:

ICG580R is suitable for oil level management in high-pressure and low-pressure chamber compressors.

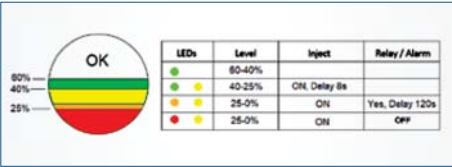
ICG580R uses a Hall sensor to measure the oil level. A magnetic float changes its position with the oil level and is not prone to errors caused by foaming or light.

FUNCTIONAL DESCRIPTION:

- * The Hall sensor converts these magnetic field changes into an equivalent signal, which is used by the electronic controller to open or close an external solenoid valve which feeds missing oil directly into the compressor sump.
- * If the oil level drops into the red zone the ICG580R generates an alarm signal and the alarm contact (SPDT) changes into alarm state. The latter may be used to shut down the compressor. In the alarm status the ICG580R is still feeding oil into the compressor. If the oil level comes back to normal, the alarm will be reset.

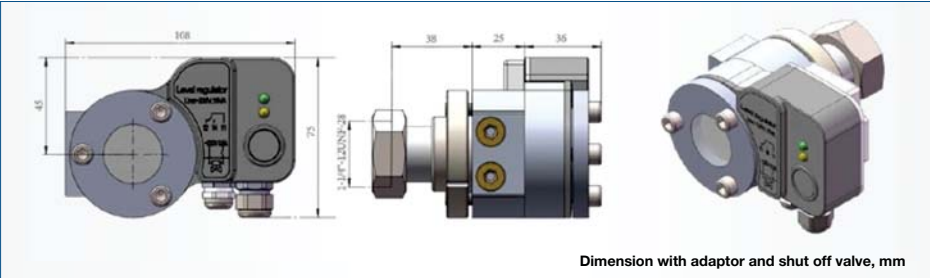
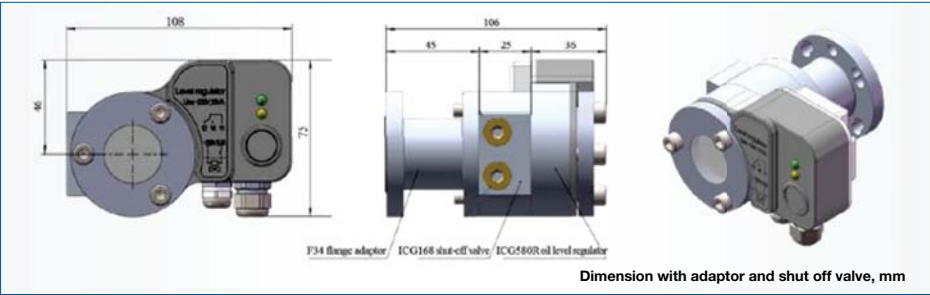


SIGHT GLASS LEVEL CONTROL ZONE:

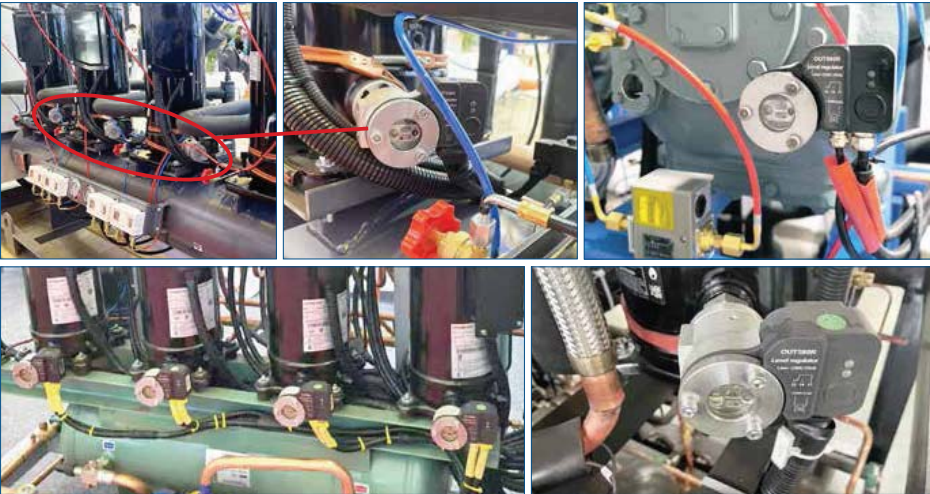


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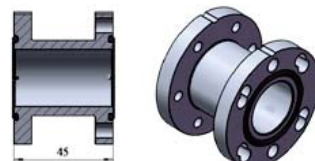
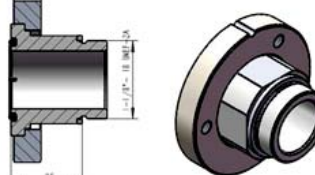
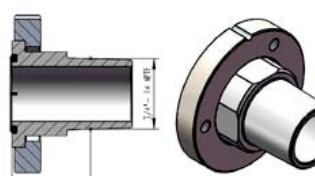
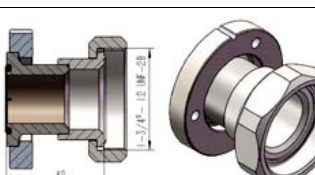
APPLICATION FOR RESERVOIR OIL MONITORING:



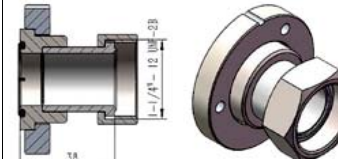
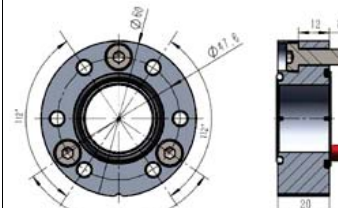
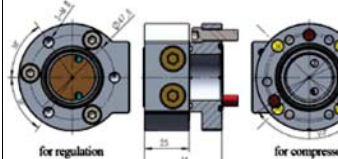
Adaptor For Oil Level Monitor / Regulator 适配器

APPLICATION:

ICA series adaptors can be used for the connection of oil level regulators, monitors and compressors in major brands, including but not limited to: Trax Oil OM3/OW3, Emerson OMB, DEKA COM(L), TEKLAB TK3, AC&R Optron/SN series, ESK schulze ERM2-0-BC/ORS-0-BC, Carly ELECTROIL, FP ERL. etc.

Description	Substitute for	Suitable for compressors	Dimensions, mm
ICA34F : 3-/4-hole flange adaptor	OMB-AUA, P/N 063 521 OM0-CUA, P/N 805 037 OM0-CCC, P/N 805 041	Arctic Circle G2, G4, G6 Bitzer 4VC, 4TC, 4TE, 4PC, 4NC, 4J, 4H, 4G, 6J, 6H, 6F, 8GC, 8FC Bock HA, HG (except G/HA-34/22) Copeland 4M & 6M, D2, D3, D4, D6, D9, 4CC, 6CC, ZBH, D8D, D8S Dorin all KP, K series Frascold A, B, D, F, S, V, W, Z, A-SK, D-SK, F-SK, Q-SK, S-SK series	
ICA118 : 1-1/8"-18 UNEF-2A screw adaptor	OMB-CO2, P/N 066 692 OM0-CBB, P/N 805 038	Bitzer 2KC, 2JC, 2HC, 2GC, 2FC, 2EC, 2DC, 2CC, 4FC, 4EC, 4DC, 4CC Bock HA 12/22/34, HG 12/22/34 Dorin all H series, K100C, K150C, K180C, K200CC, K230CS, K235CC, K240SB, K40CC, K50CS, K75CC/CS L'Unité Herm TAH, TAG Maneurop LT, MT, SM, SZ	
ICA34N : 3/4"-14 NPTF screw adaptor	OMB-ACA, P/N 065 668 OM0-CCA, P/N 805 039	Bitzer ZL, ZM series Copeland ZB15 to ZB48, ZBD21 to ZBD45 – until 06/2014 ZB56, 75, 92, 11 until 05/2012 ZF06 to ZF25 until 06/2014 ZF24 to ZF48 until 05/2012 ZS21 to ZS45 until 06/2014 ZS56 to ZS11 until 05/2012 Trank K series	
ICA134 : 1-3/4"-12 UNF-2B screw adaptor	OMB-ACE, P/N 066 078 OM0-CCD, P/N 805 042	Copeland ZB130, ZB150, ZB190, ZB220, ZF196, ZF122, ZF140, ZH, ZR90, ZR11, ZR12, ZR16, ZR19, ZR250 to ZR380, ZS56 to ZS11	

Adaptor For Oil Level Monitor / Regulator 适配器

Description	Substitute for	Suitable for compressors	Dimensions, mm
ICA114 : 1-1/4"-12 UNEF-2B screw adaptor	OMB-ACF, P/N 066 650 OM0-CCE, P/N 805 043	INVOTEC YM, YF series Copeland ZB15 to ZB114, ZF06 to ZF54, ZF120 to ZF181, ZBD21 to ZBD45 after 06/2014, ZS21 to ZS45 after 06/2014	
ICA320F : 3 hole flange adaptor	Only for ICG360/580/680, OM3/OW3 DEKA-COM(L) PF-ERL	INVOTEC YSM, YSF series Panasonic 3CC, 2CC, ACC, C-SC series Frascold A, B, D, Q, S, V, W, Z, A-SK, D-SK, F-SK, Q-SK, S-SK series	
168F34 : 3-/4- hole flange adaptor with shut-off valve	OMB-AUA, P/N 063 521 OM0-CUA, P/N 805 037 OM0-CCC, P/N 805 041	Arctic Circle G2, G4, G6 Bitzer 4VC, 4TC, 4PC, 4NC, 4J, 4H, 4G, 6J, 6H, 6G, 6F, 8GC, 8FC Bock HA, HG (except G/HA-34/22), O series Copeland 4M & 6M, D2, D3, D4, D6, D9, 4CC, 6CC, ZBH, D8D, D8S Dorin all KP, K series Frascold A, B, D, F, S, V, W, Z, A-SK, D-SK, F-SK, Q-SK, S-SK	
ICA118CSH : 1-1/8"-18 UNEF-2A-CSH elongated screw adaptor		FUSHENG SRL-MS, SRL-DS series RefComp SRC-S, SRC-XS series HANBELL RC2 series Bitzer CSK, CSH series	