

ELECTRONIC OIL LEVEL REGULATORS SERIES 56





CASTEL: LEAPING INTO TECHNOLOGY

We support the growth of our customers with reliable, durable, quality and technologically advanced products. With our electronic oil level regulators, adapters and range of orifices, you'll be able to select the products you require for every brand of compressor and operating pressure required by the system.

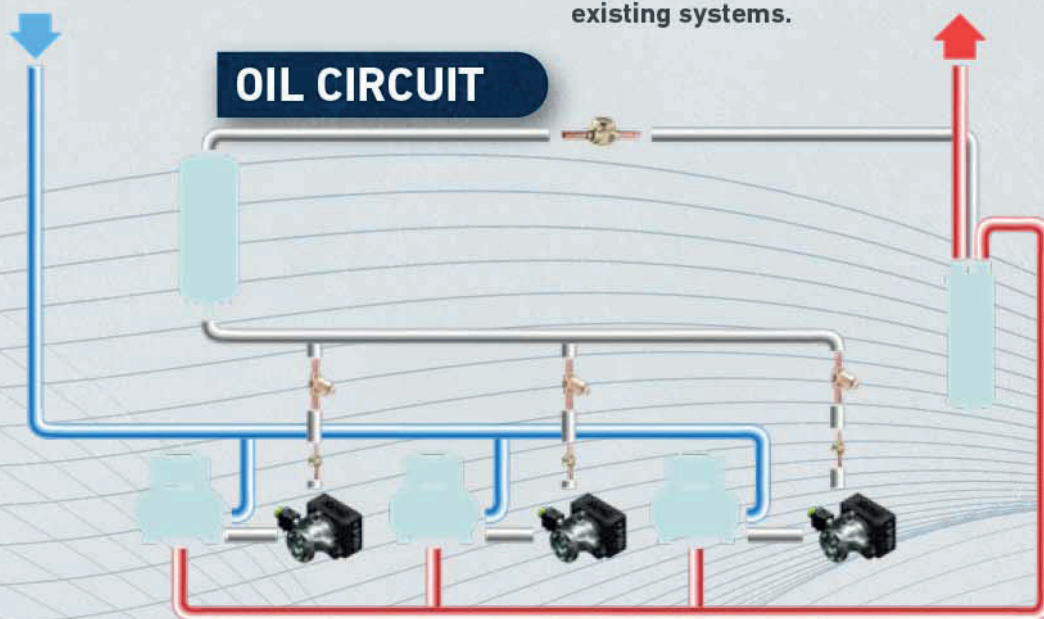
OIL LEVEL REGULATORS

The families of Castel electronic oil level regulators have been designed to be installed on both industrial and commercial refrigeration systems, and also on air conditioning systems.

These components are designed to work effectively with all refrigerant fluids, whether they are HFCs, HFOs, hydrocarbons, R744, or mixtures of them.

Castel oil level regulators ensure precise monitoring and controlling of the oil level inside the crankcase of any compressor, be they reciprocating compressors or scroll compressors, maintaining the correct supply of oil even in conditions of high-pressure difference.

The accurate oil level opto-detection system and the sophisticated control logic with NFC connectivity, make the use of the regulator very easy and responsive in all installation conditions, both on new systems and as a replacement for existing systems.



OUR IDEAS FOR A RELIABLE PRODUCT

The oil regulators work with the synergy of good mechanical characteristics, accurate optical solutions and flexible configuration through NFC connectivity.

WHY CHOOSE THE NEW OIL LEVEL REGULATOR

Multiple level detection

An advanced optical sensor allows low and high oil level detection and alarm reporting. Intermediate levels are also visible through LED.

Installation simplification

Product can be installed on both left/right sides of the compressor.

Compactness

It integrates a standard flange to be directly connected to a large panel of compressors. Additional adapters are also available for special cases.

Connectivity

Product integrates **NFC** connectivity as standard to be connected to an APP. RS485 will be also provided as option for the integration into a control system.

Parameter Configuration

Connectivity gives access to the status, events and internal parameters of the regulator. Configuration could be changed to adapt its behaviour to the compressor.



MULTIPLE LEVEL
DETECTION



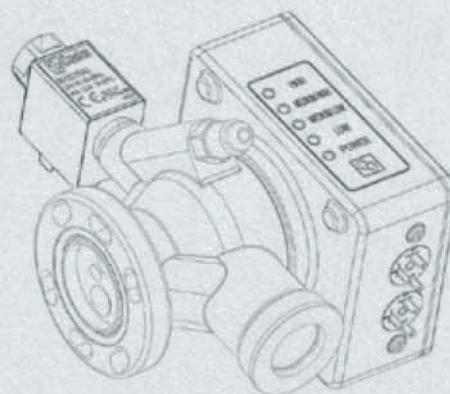
DIRECT
INSTALLATION



CONNECTIVITY



CONFIGURATION



TECHNICAL DATA

- GAS COMPATIBILITY (CO₂, HC, HFO, HFC)
- 24VAC OR 230VAC POWER SUPPLY
- 50, 90 OR 140 BAR MODELS
- INTEGRAL SIGHT GLASS, LEDS AND MOUNTING FLANGE
- NFC AND RS485 FIELD BUS CONNECTIVITY

Product Family	Part number	Connections		Voltage	Frequency	Degree of protection	PS [bar]	TS [°C]	
		Oil level inspection	Oil inlet					Min	Max
			Sae Flare	[V]	[Hz]				
GOGREEN (CO2)	5660E/A2	sight glass	3/8"	24 VAC	50/60	IP 65	90	-40	+150
	5660E/A6			230 VAC	50/60				
GOGREEN (CO2)	5668E/A2	sight glass	3/8"	24 VAC	50/60	IP 65	140	-40	+150
	5668E/A6			230 VAC	50/60				
POLYHEDRA (HFC, HFO, HC)	5660N/A2	sight glass	3/8"	24 VAC	50/60	IP 65	50	-40	+150
	5660N/A6			230 VAC	50/60				

LOOKING FOR COMPRESSOR ADAPTORS?

5690/X14



5690/X13



5690/X12



P  **LYHEDRA**

G  **GREEN**
R744 • NATURAL REFRIGERANT



ISO 14001

Castel has always been aware of environmental sustainability issues and gives its contribution to a cleaner environment, supplying the refrigeration and air conditioning industry with state-of-the-art and environment-friendly technology. With its commitment and steady research in its laboratories, Castel has developed a whole range of products using natural refrigerants, which reduce emissions to the minimum. The large range of products belonging to the Castel "GoGreen" line has been developed to be used in CO₂ (R744) filled systems.

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