



# LEVEL REGULATOR FOR HAZARDOUS AREAS AND HIGH TEMPERATURE LIQUIDS

To guarantee working safety in areas with fire or explosion risks, like diesel tanks or cesspools which develop flammable or explosive vapours, the float must be connected to the electrical circuit through an intrinsically EEx-ia safe barrier.

The system, sold in kits or by unit, is composed of

- A96 float level regulator.
- control unit with EA30 safety barrier.
- The EA30 control unit can be installed with 1 or 2 level regulators.
- The EA30 safety barrier is not needed in absence of

explosion risks, therefore the level A96 regulator can be connected directly to the coil of the contactor.

## FLOAT LEVEL REGULATOR

### USE

-Float level regulator to directly control the level of diesel or high temperature liquids (max. 130°C and 4 bar).

### INSTALLATION AND OPERATION

- Sealed submersible float
- To control the minimum or maximum level one regulator is used. To determine a differential level higher than 1.5-2 cm two regulators are used : one for the maximum and one for the minimum level.

### TECHNICAL FEATURES

- External body in AISI 304 stainless steel
- Internal casing filled with dense polyurethane
- Electrical cable with internal and external silicon sheathes suitable for diesel-oil and temperatures ranging up to 130°C.

### HOMOLOGATION AND STANDARDS

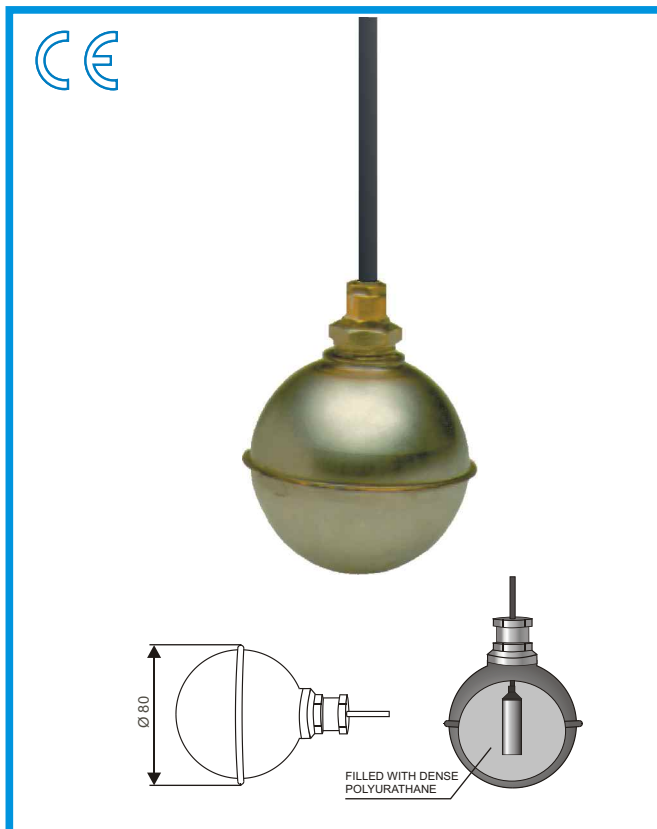
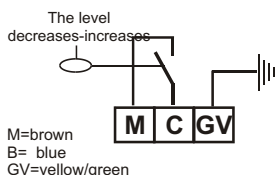
-Complies with CEI EN 61058-1 standards

### ELECTRICAL FEATURES

-Switch with self-cleaning contacts 10A-250Vac

**-To control the coil of the contactor, not suitable to control the motor directly.**

-Electric cable 3x1



Type	Cable length m	Max pressure bar	Max. temperature of the liquid °C	Protection	Weight each Kg	Box pcs. No
A96C	5	4	130	IP67		
A96D	15	4	130	IP67		

