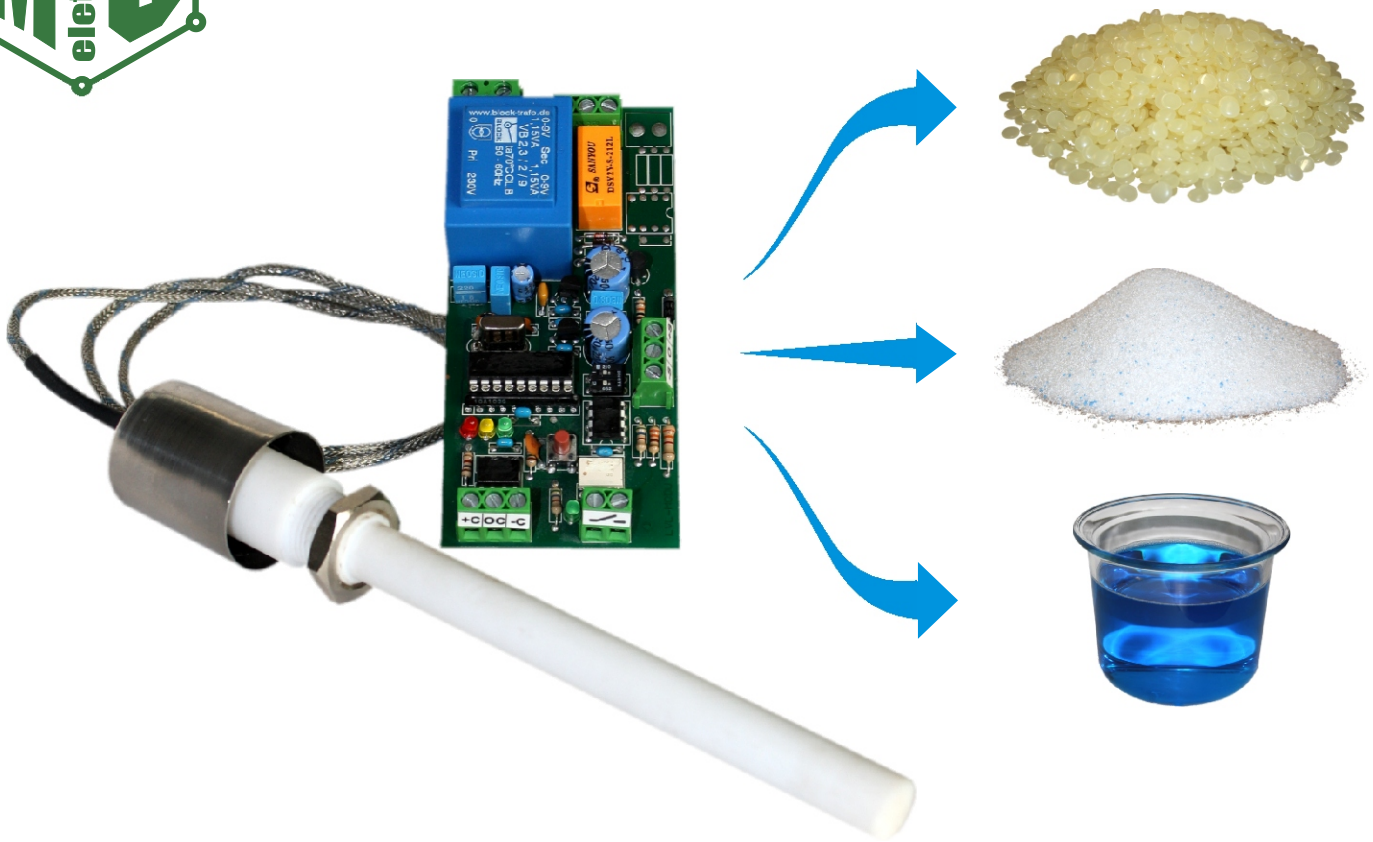




Emmeci Elettronica



Level sensors LEVEL-CAP and LEVEL-CAP/EX

EMMECI Elettronica has created LEVEL-CAP, a capacitive level sensor able to measure the level of liquids, dusts and granules. LEVEL-CAP provides both a digital output signal of “low-level” and an output proportional to the measured level.

LEVEL-CAP can operate also in liquids and granules at high temperature (max 200°C), like cooling oils and Hot-Melt adhesives.

The body built in stainless steel and PTFE makes LEVEL-CAP suitable for harsh environments.

If the measuring of bigger depths than 125 mm is required, is available the modular version LEVEL-CAP/EX.

Why choose LEVEL-CAP:

Easy installation also in already existing plants, thanks to the 3/8” threaded body.

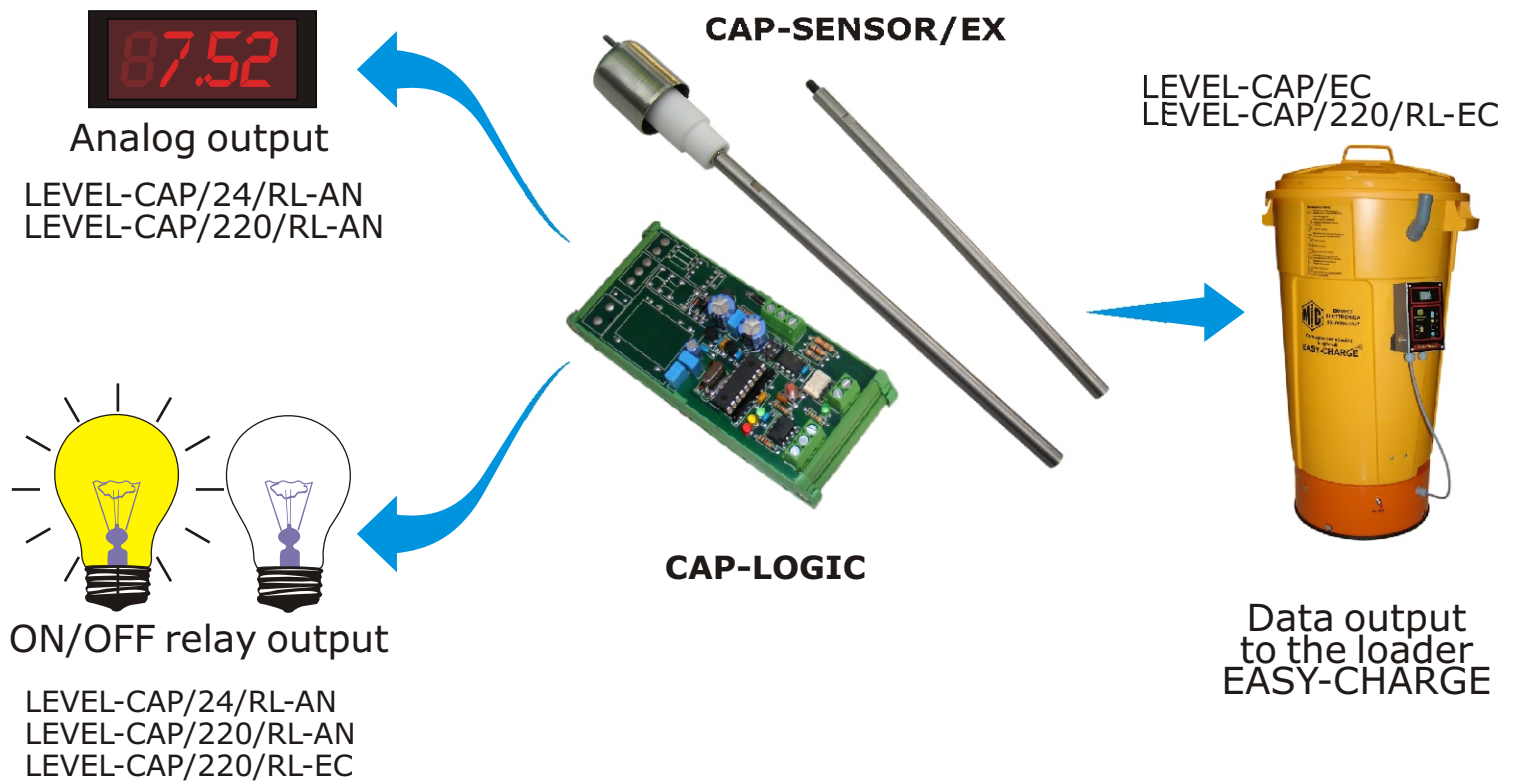
Easy setup because of the quick auto-acquisition procedure that allows to store the level in few easy steps.

Stability thanks to a microprocessor that filters the noises commonly present in industrial environments: this avoids false alarms.

Easy to use because of the diagnostics LEDs that allow to check the sensor state anytime.

Versatility thanks to many types of outputs (on/off output for connections to lamps or plc, analog output for remote viewing of the level, and serial output for the connection to the automatic loader for adhesive granules EASY-CHARGE produced by EMMECI ELETTRONICA).

LEVEL-CAP: one sensor for each solution



TECHNICAL DATA

CAP-LOGIC BOARD	
DIMENSIONS OF ELABORATION BOARD CAP-LOGIC (width x height x depth)	55 x 125 x 62 mm
FIXING	DIN guide
RELAY OUTPUT	NC/NO contact 1A free of potential
ANALOG OUTPUT	0-10 V / 8bit
BOARD POWER SUPPLY	12 Vcc (model LEVEL-CAP/EC) 24 Vcc (model LEVEL-CAP/24/RL-AN) 220 Vac (model LEVEL-CAP/220/RL-EC) 220 Vac (model LEVEL-CAP/220/RL-AN)
TIME OF ACQUISITION OF THE LEVEL	≤ 3 seconds
CAP-SENSOR PROBE	
DIMENSIONS OF CAP-SENSOR/125:	Electrode: 125 mm - Includ. body: 197 mm Ø 30 mm
DIMENSIONS OF CAP-SENSOR/EX:	Electrodes: 200 mm Ø 8 mm - Body: 80 mm Ø 30 mm
MATERIALS	Stainless steel and PTFE
LENGHT OF CAP-SENSOR CABLE	90 cm
PROTECTION LEVEL	IP56



Emmeci Elettronica
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