

**CZECH DEVELOPER
AND PRODUCER
OF MEASUREMENT
AND SENSOR TECHNOLOGY**



COMAC CAL

THE COMAC CAL S.R.O. COMPANY

has been engaged in **development and production of both inductive flow meters and flowswitches** since its establishment since more than twenty years. For the period of its long-time existence, the company has developed and launched into the market solutions to the most diverse problems, beginning from a simple flow meter to complex smart batch systems with noise suppression devices. Thanks to our own development center, we are able to offer tailor-made solutions for the customer to fully meet their requirements.

Our clients in the Czech and world markets become companies in the **most diverse sectors of the industry**, such as water, food, paper, power or mining industry with the corresponding ATEX.

In order to meet the demands of our customers as much as possible, we have established an **authorized metrology and calibration centre**. In this way, we are able to help the customer with solving the most diverse problems, including consultations and checking the correctness of measurements.

Our main goal is **customer satisfaction** and we follow this motto in everything we do.



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FLOW 38



Induction flowmeter with display

- compact or separate version
- 3 types of displays
- 350° rotary LCD display
- protection of sensor up to IP68

FLOW 33



Induction flowmeter without display

- compact and resistant version
- status signalization by LEDs
- setting of parameters and outputs via Bluetooth

FLOW 33 Ex



Induction flowmeter for explosive atmosphere

- useful for mines and surfaces application with zones:
 - Ex I M2 Ex mb I
 - Ex I M1 Ex ia I Ma
 - Ex II 1G Ex ia IIC T6 Ga
 - Ex II 1D Ex ia IIIC T85 °C Da

FLOW 38 BATCH



Batching induction flowmeter

- simple automatic dosing system
- no needs of PLC
- industrial design
- possibility of resetting of dose

FLOW 45



Battery powered induction flowmeter

- possibility of internal or external power supply
- micro SD for archiving
- GSM data transfer
- lifetime of battery up to 6 years (by measuring period)

FLOW 32



OEM induction flowmeter

- customized to the client's requirements
- 4 status LEDs
- very compact design

FLOW SWITCH



Calorimetric flowswitch

- FS10 with one switch point
- FS11 with two switch points
- FS15 with switch and temperature point
- FS20 with 4÷20 mA output and switch point

FLOW SWITCH Ex



FS 10, 11, 15, 20 Ex

- calorimetric flowswitch for explosive atmosphere for zones:
 - Ex I M1 Ex ia I Ma
 - Ex II 1G Ex ia IIC T4 Ga
 - Ex II 1D Ex ia IIIC T135 °C Da

FPW 05/10/20



Paddle wheel flowmeter

- universal use (for nonconductive fluids too)
- FPW 05 with frequency signal
- FPW 10 with pulse/switching contact
- FPW 20 with pulse/switch contact and 4÷20 mA output