



# QUESTIONNAIRE

## Coriolis flow meter KTM RuMASS

Date of filling out:

Company:

Address:

Contact person:

Telephone number:

E-mail:

End customer:

Installation point:  
(region, location)

Project name:

Technological  
process

### Initial data

Quantity

### Climatic conditions of the area of operation

Minimum absolute ambient temperature, °C

Maximum absolute ambient temperature, °C

Average relative humidity per month, %

- the coldest month

- the hottest month

Seismicity of the area on the MSK-64 scale, point



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### Process conditions and operating fluid characteristics

Name, composition of the fluid  
(for solutions indicate concentration)

Fluid phase

Aggressive

Tendency to stick

Solid inclusions

Amount of solid inclusions, %

Maximum size of solid inclusions, microns

Gas concentration in liquid, %

Liquid concentration in gas, %

Flow direction

Min

Norm

Max

Unit

Flow

Operating pressure

Permissible pressure drop

Operating temperature

Operating density

Operating viscosity

### Coriolis flow meter requirement

Accuracy of mass flow and mass  
measurement, %

Accuracy of volumetric flow  
measurement, %

Density measurement accuracy, kg/m<sup>3</sup>

Installation option for the IPU

Remote IPU cable length, m

Explosion protection of the sensor

Explosion hazard area of the sensor

Explosion hazard category of  
explosive mixture

Group of explosive mixture



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## Coriolis flow meter KTM RuMASS

Explosion protection of the IPU  
Explosion hazard area of the IPU  
Flow compensation based on operating temperature  
Flow compensation based on operating pressure  
Certified density measurement channel  
Digital RS-485 (Modbus RTU) output  
Pulse output  
Digital Ethernet output  
Analog configurable output, current loop with HART support  
Pulse input  
Analog configurable input, current loop with HART support  
Flow meter power supply  
Cable glands

### Pipeline connection

Inner diameter, mm	Wall thickness, mm	Material
Flange standard		Flange surface
Nominal flange diameter		Flange nominal pressure, bar

### Additional equipment, services

Assembly kit	Counter flanges	Pressure sensor
Thermal cover	Power supply ~220V=24V	Extended Warranty
Installation supervision, commissioning		

### Comments