

Flowmeter in a medium cabinet

For RISONIC modular

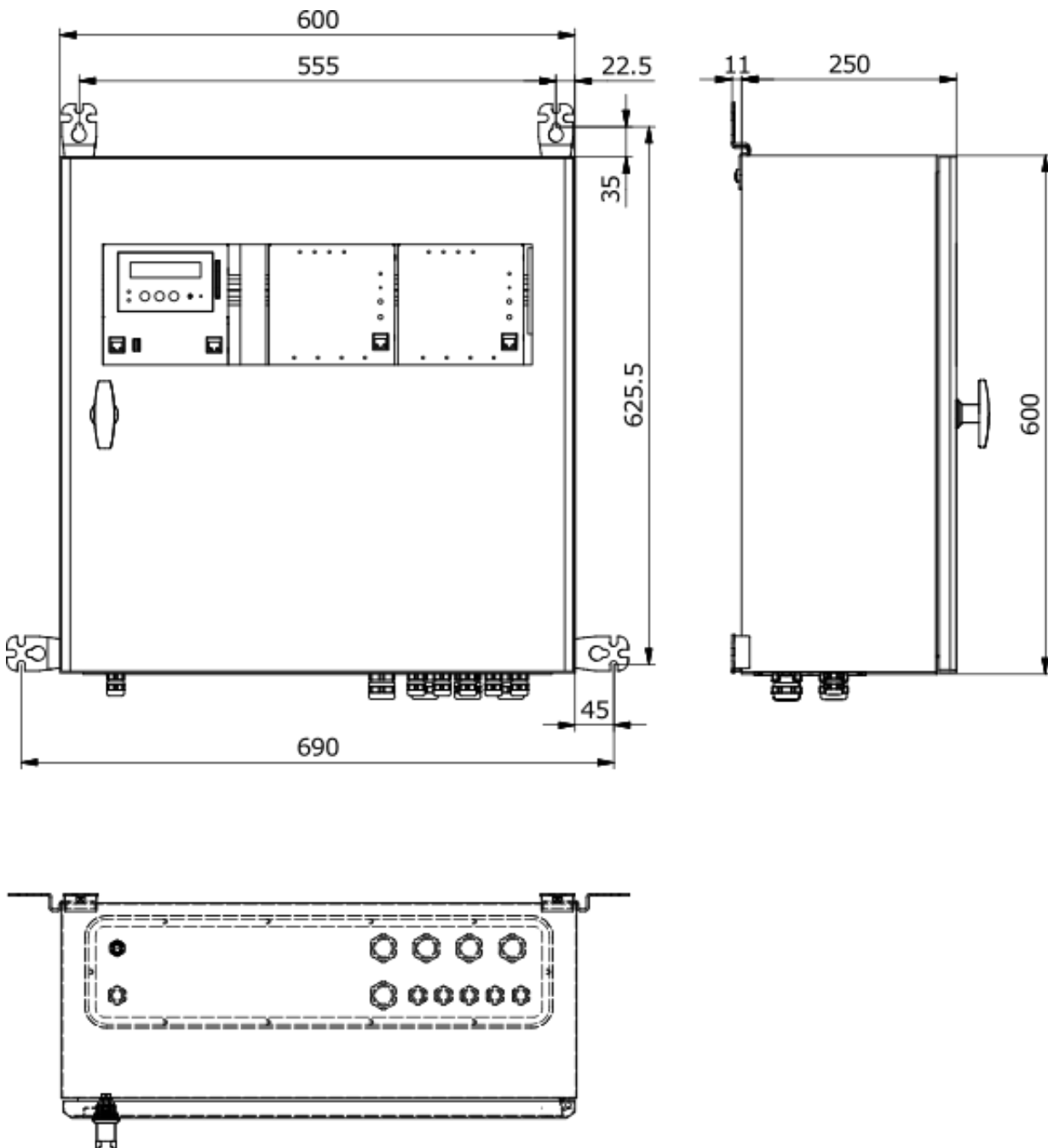
Type:

MFMFC.x-y-z

Itemno.:

see table 1

Dimensional drawing



Dimensions in mm

Application

The complete flow measurement RISONIC modular in a medium-sized cabinet.

Brief description

In the medium cabinet, a Rittmeyer Instrumentation Controller (RICTRL) and two Ultrasonic Transit Time module are installed. Depending on the selected power option the corresponding power supply (only AC-powered) is fitted with a safety device. All analog inputs / outputs of RICTRL and the RS485 interface is protected with overvoltage protection modules. The door is provided with a window. There are versions with a punched flange plate including necessary feedthrough material and with an unpunched flange plate without feedthrough material.

Technical Data

- Housing: Steel plate, powder-coated
- Colour: Blue/green (NCS-S-2555- BG60G)
- Protection rating: IP65
- Operating temperature range: -20...+60 °C
- Wight without built-in components: Approx. 26.5 kg

Versions

0067781 . x y z

z : License from RICTRL
 2: RICTRL.020
 4: RICTRL.040
 8: RICTRL.080

y: Power Supply with Overvoltage protection
 0: 230VAC
 1: 110VAC
 5: 24VDC (without power supply)

x: flange plate
 0: with feedthrough material (punched flange plate)
 5: without feedthrough material (unpunched flange plate)

Description	Type	Item number
flowmeter in medium cabinet (20/K/230VAC)	MFMFC.20-C-230VAC	0067781.002
flowmeter in medium cabinet (40/K/230VAC)	MFMFC.40-C-230VAC	0067781.004
flowmeter in medium cabinet (80/K/230VAC)	MFMFC.80-C-230VAC	0067781.008
flowmeter in medium cabinet (20/K/110VAC)	MFMFC.20-C-110VAC	0067781.012
flowmeter in medium cabinet (40/K/110VAC)	MFMFC.40-C-110VAC	0067781.014
flowmeter in medium cabinet (80/K/110VAC)	MFMFC.80-C-110VAC	0067781.018
flowmeter in medium cabinet (20/K/24VDC)	MFMFC.20-C-24VDC	0067781.052
flowmeter in medium cabinet (40/K/24VDC)	MFMFC.40-C-24VDC	0067781.054
flowmeter in medium cabinet (80/K/24VDC)	MFMFC.80-C-24VDC	0067781.058
flowmeter in medium cabinet (20/-/230VAC)	MFMFC.20-U-230VAC	0067781.502
flowmeter in medium cabinet (40/-/230VAC)	MFMFC.40-U-230VAC	0067781.504
flowmeter in medium cabinet (80/-/230VAC)	MFMFC.80-U-230VAC	0067781.508
flowmeter in medium cabinet (20/-/110VAC)	MFMFC.20-U-110VAC	0067781.512
flowmeter in medium cabinet (40/-/110VAC)	MFMFC.40-U-110VAC	0067781.514
flowmeter in medium cabinet (80/-/110VAC)	MFMFC.80-U-110VAC	0067781.518
flowmeter in medium cabinet (20/-/24VDC)	MFMFC.20-U-24VDC	0067781.552
flowmeter in medium cabinet (40/-/24VDC)	MFMFC.40-U-24VDC	0067781.554
flowmeter in medium cabinet (80/-/24VDC)	MFMFC.80-U-24VDC	0067781.558

Table 1

Scope of delivery

The flow measurement in medium cabinet consists of the following elements:

- 1 RICTRL (z = license)
- 2 USTT
- Power supply with overvoltage protection (y = power)
- Overvoltage protection for
 - 2 analog input of RICTRL
 - 2 analog output of RICTRL
 - 1 RS485 interface
- flange plate (x = with / without feedthrough material)
- A set of wall mounting material.

With version MFSFC.x-C-z::

One feed through material set (cable glands and sealing material for unused feed throughs) for one power cable (clamping range 5 - 8 mm), one ground cable (clamping range 5 - 8 mm), eight sensor cables (clamping range 6 - 7,5 mm), two signalling cables (clamping range 5 - 8 mm) and an Ethernet cable (clamping range 5 - 6,5 mm) plus a venting element.

	Data Sheet Hardware	DG DKap Stamm-Bez. Var Ind F Sp
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