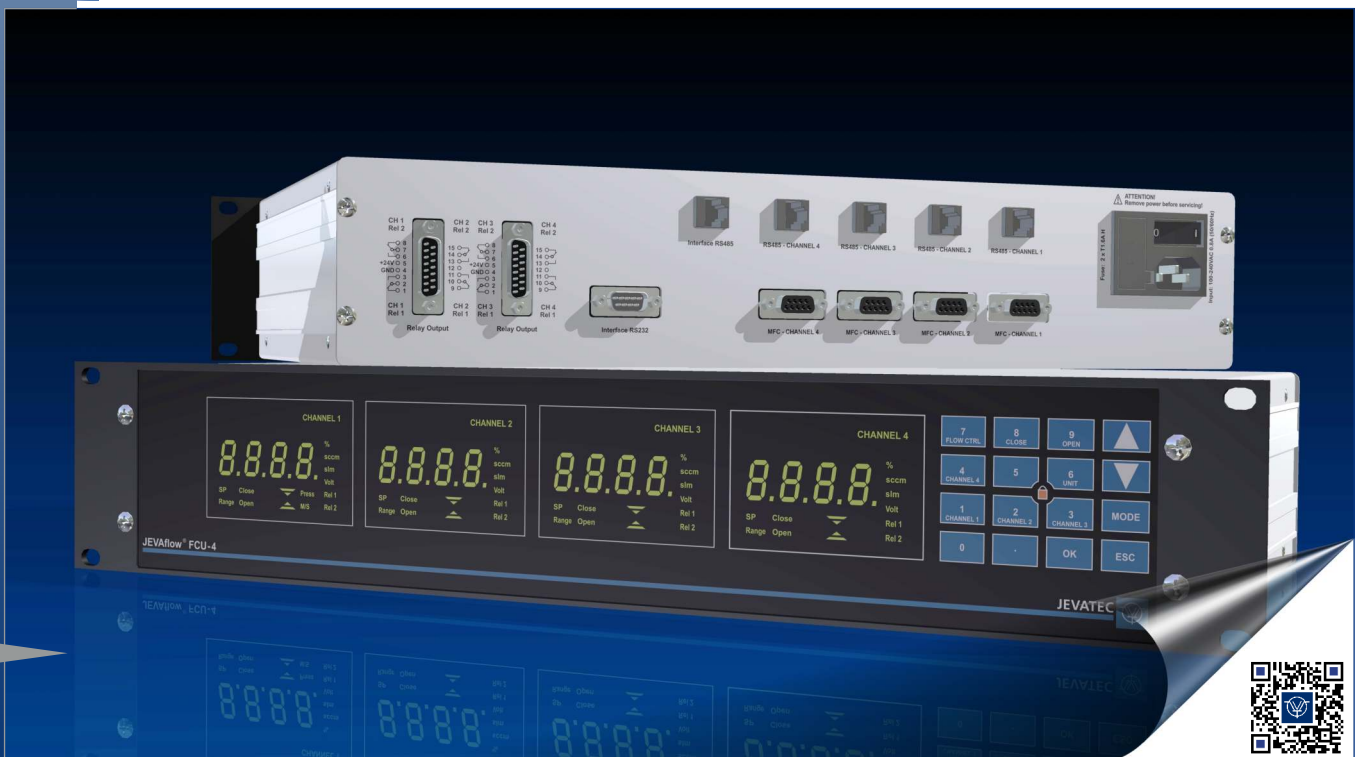


JEVAflow[®] FCU-4

Control Unit for Mass Flow Controller (MFC)

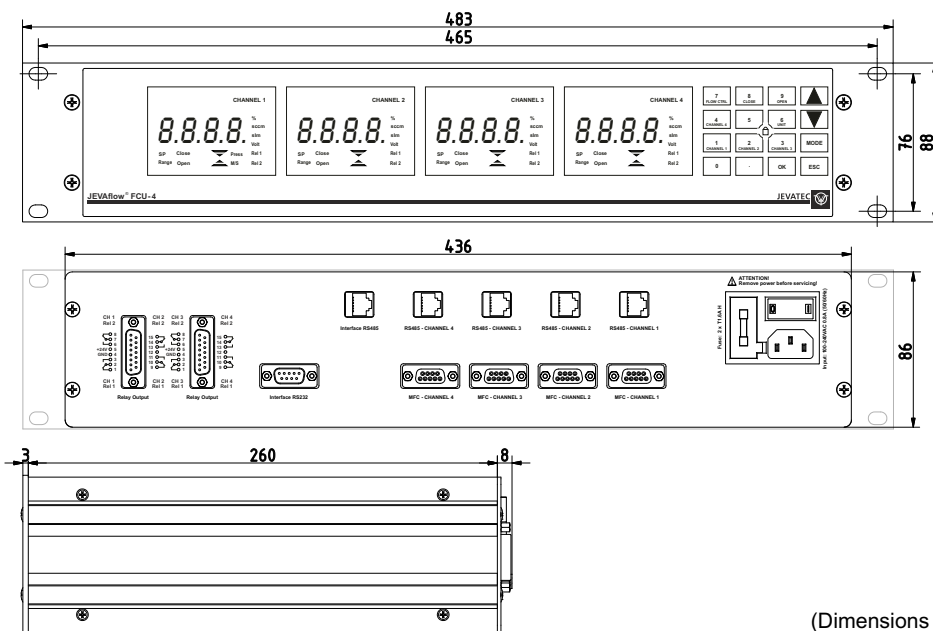
- Control unit for up to 4 analog or digital Mass Flow Controllers
- Well readable 4 digit LED and various status indicators per channel
- Display and input of flow set values in % of the measuring range or in sccm/slm
- Control via keypad or RS232 interface
- Master/Slave function
- 2 relays per channel for process and valve control
- Wide range power supply for global use
- 19" rack unit, 2 height units



Technical Data

Mains connection:	Voltage:	100 - 240 VAC, 50/60 Hz
	Power consumption:	typ. 25 W, max. 40 W
	Connection:	Rubber connector IEC 60320 C14
MFC connections:	Digital onnections (RS485):	4
	Analog in / outputs:	4/4
	Control range (Range):	1 sccm - 300 slm
	Measuring accuracy (analog):	0.2% 1 Digit of the ultimate value
	Measuring rate:	10 s ⁻¹
	Measuring unit:	%, sccm, slm
	Analog input voltage range:	-0.5 - 10.25 VDC
	Standard range:	0 - 10 VDC
	Connections analog MFC:	SUB-D, 9-polig, socket
	Connections digital MFC:	RJ45 (6-pole) for RS485; SUB-D, 9-pole, socket for power supply
Switching functions:	Sensor powering:	+/- 15 V, max. 250 mA; +/- 24 V, max. 250 mA (optional)
	Number and assignment:	8 (2 per channel)
	Contact type:	changeover contact, potential-free
	Load (ohmic):	switching current: max. 1 A; switching voltage: max. 30 VAC / 30 VDC
Interface RS232:	Connection:	2 x SUB-D, 15-pole, plug
	Standard:	RS232
	Parameters:	8 data bits, 1 stop bit, no parity, no flow control
	Signals:	RXD and TXD
Interface RS485:	Baud rate:	9600, 19200, 38400 Baud
	Connection:	SUB-D, 9-pole, plug
	Standard:	RS485 (half-duplex)
	Parameters:	8 data bits, 1 stop bit, no parity
Weight:	Signals:	A and B
	Baud rate:	9600, 19200, 38400 Baud
	Connection:	RJ45, 6-pole
		approx. 3.2 kg

Dimensions



(Dimensions in mm)

More information under:

JEVATEC GmbH
D-07743 Jena, Schreckenbachweg 8
Phone: +49 3641 3596-0
Fax: +49 3641 3596-39
E-mail: info@jevatec.de

JEVATEC
Ideen in der Vakuumtechnik
www.jevatec.de

