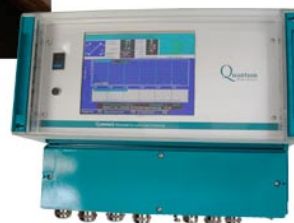


Q-SEWAGE Flowmeter



Q-SEWAGE Flowmeter

330 x 235 x 190 mm (L x H x W)

degree of protection IP 65

explosion protection

Measurement in waste water

Diameter channel/pipe: 0,5– 10 m

Operating principle: travel time method/ ultrasonic discharge measurement

single path, cross path and multiple level systems

Measurement range: -10 m/s ... +10 m/s

Environmental temperature: -20° bis 60°C (95% humidity)

Accuracy v: < 0,1%

Accuracy Q: < 1 %

Data logger: 64-512 MB compact flash, Hard Disk, optional: DiskOnShip2000

Processing: industrial computer: STPC Atlas, DRAM 32-64 MB, onboard SVGA graphic controller, watchdog timer for reboot after shutdown

Display: VGA monitor 6,4" 640 x 480

Operation control: modem, laptop

Analog/digital converter: 12 Bit

optional input: 1 x 0/4 - 20 mA, 1 x 0 - 1/2,5 V

optionale output: 2 x 0/4 - 20 mA , 2 x RS 232, Impuls TTL

Power supply: 12 - 36 V_{DC}

Power consumption ca. < 11 VA im Dauerbetrieb < 1 VA im Standby-Betrieb

Remote data control: optional analog, ISDN, GSM, GPS

user-defined data transfer protocol

Q-SEWAGE Flowmeter

Type	Compact system	Transducers (max. no. of)	Messpfadlänge (maximal)	Frequency
QSF	x	4	10 m	200 kHz

Transducer

Type	TC2157EEx
Explosion protection	yes
Frequency in kHz	200
Inout power in W	400 at 1% duty cycle
Cable length in m	18

Configurations:

- 1- and 2-level-single path system
- 1-level cross path system

Transducer fittings

are made of high-quality plastics.
They are extremely robust, resistant and reject fat.