

## Q-SEWAGE Controller



### Q-SEWAGE Controller

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:** laptop, modem

**Analog/digital converter:** 12 Bit

**optional input:** 8 x 0/4 - 20 mA, 1 x 0 - 1/2,5 V

**optional output:** 8 x 0/4 - 20 mA, 2 x RS 232, Impuls TTL

**Power supply:** 12 - 36 V<sub>DC</sub>

**Power consumption** < 11 VA at continuous operation < 1 VA at standby modus

**Remote data transfer:** optional analog, ISDN, GSM, GPS

**Output:** optional USB, Bluetooth, WLAN

## Q-SEWAGE Controller

Type	Compact system	Transducers (max. no. of)	Path length (maximal)	Frequency
QSF	x	12	10 m	200 kHz

optional: added relais control

### Transducers

Type	TC 2024/2153	TC2157EEx
Explosion protection	-	yes
Frequency in kHz	200	200
Input power in W	600 at 1% duty cycle	400
Cable length in m	18	18

### Transducer fittings

are made of high-quality plastics.

They are extremely robust, resistant and reject fat.