

## Electromagnetic flowmeters

### Series FLOMID/FLOMAT



#### XL1 compact converter with analog and digital outputs

- IP66/P67 coated aluminium enclosure
- Compact mounted
- Cost efficient
- Without display
- Accuracy:
  - FLOMID series:  $\pm 0.5\%$  reading value for  $v \geq 0.4$  m/s
  - FLOMAT series:  $\pm 3.5\%$  reading value for  $v > 0.5$  m/s
- Linearity:  $\pm 0.2\%$  f.s.
- Repeatability:  $\pm 0.15\%$  reading value  $\pm 0.75$  mm/s
- Ambient temperature range:  $-20^{\circ}\text{C} \dots +70^{\circ}\text{C}$
- Power supply: 20 ... 30 VDC, 4-wire system
- Power consumption:  $\leq 5$  W
- Analog output: 4-20 mA, active or passive, programmable measuring units
- Digital output: optoisolated NPN bipolar transistor:
  - $V_{\text{max}}$ : 30 VDC ;  $I_{\text{max}}$ : 30 mA
  - Frequency range: 0.01 ... 5000 Hz
  - Programmable duty cycle
  - Programmable as a pulse output or as an alarm (inverted flow, empty pipe or flow alarm) output
- Flow rate cut off, programmable
- Adaptive flow rate filter: programmable integration time between 1 ... 25 seconds
- Zero offset adjustment
- Datalogger
- Easy programmable by means of Tecfluid's Winsmeter XL1 software, available for download at [www.tecfluid.com](http://www.tecfluid.com)



# PRESENCE IN MORE THAN 50 COUNTRIES ALL OVER THE WORLD



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