

Training 14 – Flow meter classification

培训 14 - 流量计的分类

Flow Vision flow meters can be divided into three classes:

Flow Vision 流量计可以分为三类:

- Top of the range: FC01, FC01-CA, FC01-LQ, FC01-CC, FC100, FC100-CA, FC100-LQ
高端的: FC01, FC01-CA, FC01-LQ, FC01-CC, FC100, FC100-CA, FC100-LQ
- Mid-range: FC50, FC50-CA
中档: FC50, FC50-CA
- Low-cost: FC03, FC04
便宜的: FC03, FC04

Below you find the most important things to know about those devices.

下面你就会发现这些设备最重要的信息。

Top of the range (list price about 1600€, depends on ordered configuration and accessories):

高端的 (标价大概1600€, 取决于订购的配置和附件)

FC01.../FC100...:

- Measuring system consists of **electronic control unit, cable and sensor** (monitoring head).
测量系统由电子控制单元、电缆和传感器(监测头)组成。
- The measuring system **can be individually adapted to the customer's application** by choosing between different electronic control units, firmware variants, cable types, monitoring head types and several accessories. This **versatility is probably unparalleled** on the market.
通过在不同的电子控制单元、固件变体、电缆类型、监控头类型和多个附件之间选择, 可以单独适应客户的应用。这种通用性在市场上可能是独一无二的。
- **The customer can configure almost all properties** of the measuring system by himself.
客户可以自行配置测量系统的几乎所有特性

Mid-range (list price about 700 €, depends on ordered configuration and accessories):

中档 (标价大概是700 €, 取决于订购的配置和附件)

FC50...:

- The electronic control unit of the FC50... is integrated into the sensor housing.
电子控制单元的FC50...是集成到传感器住房。
- All FC50... are very compact devices, **probably the most compact devices** on the market.
所有FC50...非常紧凑的设备, 是最紧凑的设备在市场上
Above that the FC50... has a stainless steel housing and stainless steel sensors. This makes it suitable for **heavy duty** applications and environments, for example in the steel industry.
以上FC50...有一个不锈钢住房和不锈钢传感器。这使得它适合于重型应用和环境, 例如在钢铁行业。
- **Most properties** of the FC50... are **pre-set** by FlowVision. The customer can only configure some important properties.
大多数的属性FC50...由FlowVision预设。客户只能配置一些重要的属性。

Low-cost (list price about 500 €, depends on device and sensor adapter/ball valve):

低成本(标价500€,取决于设备和传感器适配器/球阀):

FC03:

- The electronic control unit of the FC03 is integrated into the sensor housing.
FC03的电子控制单元集成到传感器外壳中
- Can only be used with sensor adapter TP or ball valve BV.
只能使用传感器适配器TP或球阀BV
- 4-20 mA output (non-linear), linearization is done by customer in PLC
4-20 mA输出(非线性), 采用PLC实现线性化
- Device is **100 % pre-set** by FlowVision.
设备100%预置于FlowVision
- **Very interesting price**
非常有趣的价格

FC04:

- The electronic control unit of the FC04 is integrated into the sensor housing.
FC04的电子控制单元集成到传感器外壳中。
- Can only be used with sensor adapter TP or ball valve BV.
只能使用传感器适配器TP或球阀BV
- Pulse output => **very interesting for price sensitive consumption measurement applications**
对于价格敏感的消费测量应用来说, 脉冲输出是非常有趣的
- Device is **100 % pre-set** by FlowVision.
设备100%预置于FlowVision