LEVEL INDICATOR / MONITOR WITH LINEARISATION, ANALOG AND RELAY OUTPUTS

Fluidwell F173

Product features

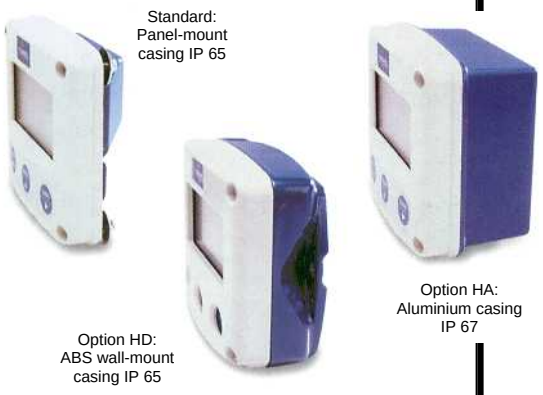
- high, low, high-high and low-low level monitoring functions and alarm outputs
- linearisation of tank shape
- linearised 4-20 mA output signal
- (0)4-20mA, (0)2-10V DC, 0-100 kOhm input
- digital filter to stabilize reading
- RS232/485 option
- Intrinsically safe option

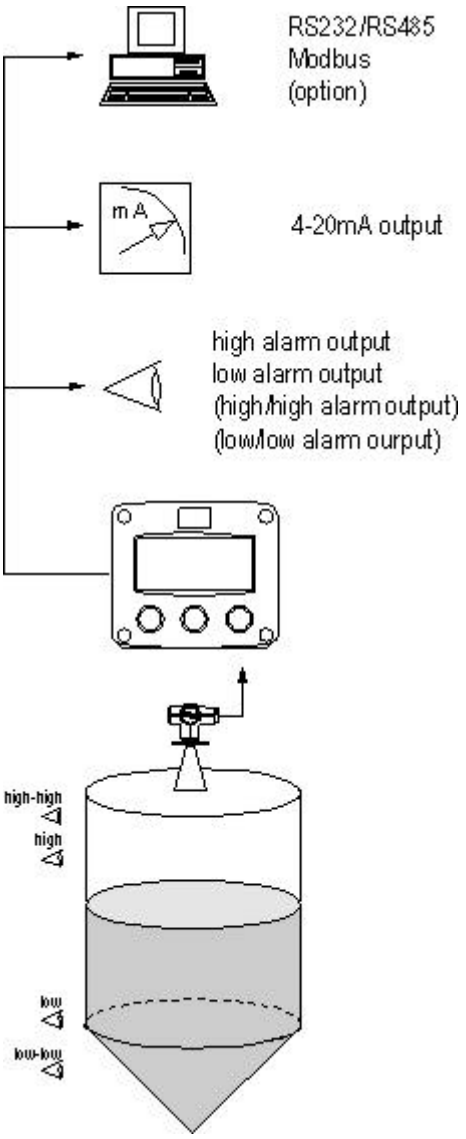
Operator Information

- actual level and height or %
- four alarm set-points
- unit of measurement

Description

The Model 0173 is the most popular model in this range. Even demanding applications are catered for with base unit configurations. A wide selection of options further enhances their ability.
The large 17mm display segments display the actual level and the measuring unit. The 8mm digits indicate the height or % filled.
Besides the seven digit span, twenty-five X and Y linearisation points can be entered to correct for the tanks shape. The unit will interpolate between these positions to provide maximum accuracy. This linearisation effects all displayed information and the output signals.
Four alarm set-points can be entered by the operator. Three or optionally four relay outputs are available to transmit the alarm condition. During alarm condition, the type of alarm is indicated clearly on the unit's display.
An analog output is generated in relation to the linearised level and can be fine-tuned exactly to your requirements. This makes the 0173 model a valuable local indicator, powerful signal conditioning unit and transmitter. With option "XI" the units can be used in hazardous areas: to classification EExiaIIBT4.
Note: further options are also available.





Signal Input

A	**(0)4-20mA**	**U**	**(0)2-10V**

Options

CB	RS232 - Modbus	**PF**	12-24V AC/DC + EM-relays
CH	RS485 - Modbus - 2-Wire	**PG**	Option PF with backlight
CI	RS485 - Modbus - 4-Wire	**PL**	Input loop-powered
GI	Isolated 4-20mA output	**PM**	80-240V AC + EM-relays
HB	Panel mount	**PN**	Option PM with backlight
HD	ABS casing	**XI**	Intrinsically safe
IC	Three control keys	**XD**	EExd enclosure - 1 key
PA	Battery powered	**XF**	EExd enclosre - 3 keys

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