



# UK Flowtechnik

Specialists in flow metering, pumps, couplings  
and process measurement equipment

## PRODUCT DATASHEET



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# A341-28 Digital Display

The UKF A341-28 is a high resolution, fast response display and is specifically for use with the VSE Gear and Helical Screw flowmeters (VS, RS, VSE EF ecoflow & VHM). With up to 3.2 million Pulses per Litre and output frequencies of over 100kHz these meters take a lot of keeping up with.



## Features & Benefits

- 6 digit 15mm high LED
- Quadrature input with direction
- Dual input with differential, ratio or add functions
- Fast response time (1 ms for frequencies over 2kHz)
- 14 bit DtoA
- Up to 5 calibration curves with 15 point linearisation
- Analogue output (+/- 0-10V or 0(4)-20 mA)
- IP65 front panel
- 96x48 Panel Mount

Flow information is processed from the output signals of the VSE flow meters. The device can signal into a freely scalable analogue measurement convert the frequency of the HTL variable (current/voltage) with almost no delay. With an analogue resolution of 14 bit, or as a digital measured value via RS232, these converted signals are then available for further data processing.

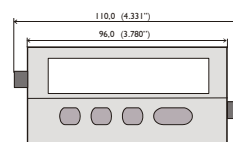
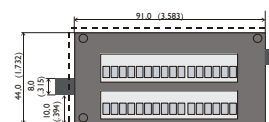
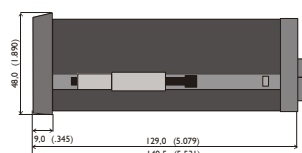
Up to 5 flowmeter calibration curves can be stored, this can be for instance: 5 different flowmeter sizes or 1 meter with 5 different viscosity/temperature curves. To increase accuracy a linearisation with up to 15 calibration points can be programmed.

As well as flow rate the A341-28 can be configured as a totaliser ratio on differential counter mode, which enables conversion of the total flow rate (volume). Set up couldn't be simpler using our bespoke Easyloader software

## Technical Data

<b>Display</b>	15mm high 6 digit LED (red)
<b>Inputs</b>	Dual 2x NPN, PNP, Namur
<b>Control Output</b>	passive 24 Vdc, 300 mA NPN transistor
<b>Linearisation</b>	15 Points
<b>Density Compensation</b>	Via 2x Pt100 inputs (F127 model only)
<b>Analogue Output</b>	+/- 0-10V, 0(4)-20 mA
<b>Resolution</b>	14 Bit
<b>Communications</b>	RS232
<b>Control Inputs</b>	4x HTL, PNP
<b>Power Supply</b>	17-40 Vdc
<b>Enclosure rating</b>	IP65 front panel
<b>Mounting Options</b>	96x48 panel mount
<b>Approvals</b>	EN61000-6-2, EN61000-6-3, EN61010-1

## Dimensional Data



Panel cut-out: 91x44

## Order Code

A341-28