UK Flowtechnik

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

PRODUCT DATASHEET

A350-28 Digital Display

The UKF A350-28 is a high resolution, fast response display and is specifically for use with the VSE Gear and Helical Screw flowmeters (VS, RS, 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

- Backlit tri-coloured 8 digit touch screen display
- Quadrature input with direction
- Fast response time (1ms for frequencies over 2kHz)
- 16 bit DtoA
- 24 point linearisation
- Analogue output (+/- 0-10V or 0(4)-20 mA)
- 2x relay alarms plus 4x control outputs
- 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 16 bit, or as a digital measured value via Modbus RTU or RS232, these converted signals are then available for further data processing.

To increase accuracy a linearisation with up to 24 calibration points can be programmed. As well as flow rate the A350 can be configured as a totaliser. Set up couldn't be simpler using our bespoke Easyloader software.

Technical Data

Display	13mm high 8 digit tri-colour LED (red, green, orange)
Inputs	Dual 2x NPN, PNP, Namur
Control Output	passive 24 Vdc, 300 mA NPN transistor, 2x 250 Vac/3A/750VA, 150 Vdc/2A/50W change-over contacts
Linearisation	24 Points
Analogue Output	+/- 0-10V, 0(4)-20 mA
Resolution	16 Bit
Communications	RS232
Control Inputs	3x HTL, PNP
Power Supply	115-230 VAC 50/60Hz
Sensor Supply	24 Vdc, 250 mA
Enclosure rating	IP65 front panel
Mounting Options	96x48 panel mount
Approvals	EN61000-6-2, EN61000-6-3, EN6100-6-4, EN61010-1, EN50581

Order Code

A350-28

Dimensional Data

front view

48 [1.89]

96 [3.78]

riew view

24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

ABS UL94-V0

side view

topview

114 [4.49]

11 [0.43]   105 [4.13]