Product data sheet
Characteristics

KDF65F
KD Series Flow Meter, DN150 Flanged Stainless Steel, 250 m³/h Nominal, Flow Meter

Main

Range of product	KD Series
Product or component type	Flow meter
Type of measurement	Flow
Device application	Energy metering Sub-metering
Location	Plant room
Device composition	Keypad
Calibration certificate	Yes
Colour	Off white
Depth	300 mm
Height	300 mm
Net weight	37 kg
Width	500 mm
Display type	LCD
Enclosure material	Thermoplastic, PC 10 % GF with TPE
Energy units	L M3
Field programmable	Yes
Fitting material	Stainless steel
Fitting size	DN150
Fitting type	Flanged
Flow measurement accuracy	+/- 1 %
Flow measurement range	2.5...500 m3/h
Sensor type	Ultrasonic sensor flow Thermistor temperature
[Ui] rated insulation voltage	3.75 kV
IP degree of protection	IP65
Controlled fluid	Water
Meter location	Flow line
Operating fluid temperature	2…130 °C
Relative humidity	0…100 % RH, non-condensing
Ambient air temperature for operation	5…55 °C
Output type	Analog
Pipe material	Metallic Polymer
Network frequency	50 Hz 60 Hz
Pressure rating	PN25
Standards	EN 1434 class A (MID Class E1) EN 1434 class C (MID Class E2)
Storage Relative Humidity	0…100 % RH, non-condensing
Ambient air temperature for storage	-25…60 °C

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[Us] rated supply voltage	230 V AC 24 V AC 161...264 V AC 12...36 V AC
Temperature measurement accuracy	+/- 4 %
Measurement temperature	2…130 °C

Complementary

Totalizer quantities	1
Function available	Logging Totalizer resetable
Maximum power consumption in W	1 W
Pressure drop	0.14 bar
Maximum sensing distance	500 mm
Display resolution	7 digits
Clamping connection capacity	<= 1 mm²

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	83.4 cm
Package 1 Width	55.2 cm
Package 1 Length	25.2 cm
Package 1 Weight	37.82 kg