Product data sheet
Characteristics

KEF10F
KE Series Flow Meter, R1 Threaded Brass, 3.5 m³/h Nominal, Flow Meter

Main

Range of product	KE 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	41 mm
Height	71 mm
Net weight	2 kg
Width	260 mm
Display type	LCD
Enclosure material	Thermoplastic, PC 10 % GF with TPE
Energy units	L M3
Field programmable	Yes
Fitting material	Brass
Fitting size	G5/4B (R1)
Fitting type	Threaded
Flow measurement accuracy	+/- 2 %
Flow measurement range	0.035...7 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	PN16
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	260 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	21.0 cm
Package 1 Width	33.0 cm
Package 1 Length	23.2 cm
Package 1 Weight	2.0 kg