

# KEF00F

KE Series Flow Meter, R½ Threaded Brass,  
1.5 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<br>Sub-metering                                  |
| Location                              | Plant room                                                       |
| Device composition                    | Keypad                                                           |
| Calibration certificate               | Yes                                                              |
| Colour                                | Off white                                                        |
| Depth                                 | 48 mm                                                            |
| Height                                | 67 mm                                                            |
| Net weight                            | 0.9 kg                                                           |
| Width                                 | 110 mm                                                           |
| Display type                          | LCD                                                              |
| Enclosure material                    | Thermoplastic, PC 10 % GF with TPE                               |
| Energy units                          | L<br>M3                                                          |
| Field programmable                    | Yes                                                              |
| Fitting material                      | Brass                                                            |
| Fitting size                          | G3/4B (R1/2)                                                     |
| Fitting type                          | Threaded                                                         |
| Flow measurement accuracy             | +/- 2 %                                                          |
| Flow measurement range                | 0.015...3 m3/h                                                   |
| Sensor type                           | Ultrasonic sensor flow<br>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<br>Polymer                                              |
| Network frequency                     | 50 Hz<br>60 Hz                                                   |
| Pressure rating                       | PN16                                                             |
| Standards                             | EN 1434 class A (MID Class E1)<br>EN 1434 class C (MID Class E2) |
| Storage Relative Humidity             | 0...100 % RH, non-condensing                                     |
| Ambient air temperature for storage   | -25...60 °C                                                      |

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

### Complementary

|                                |                                |
|--------------------------------|--------------------------------|
| Totalizer quantities           | 1                              |
| Function available             | Logging<br>Totalizer resetable |
| Maximum power consumption in W | 1 W                            |
| Pressure drop                  | 0.14 bar                       |
| Maximum sensing distance       | 110 mm                         |
| Display resolution             | 7 digits                       |
| Clamping connection capacity   | <= 1 mm <sup>2</sup>           |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 21.0 cm |
| Package 1 Width              | 24.6 cm |
| Package 1 Length             | 24.5 cm |
| Package 1 Weight             | 900.0 g |