

# VariFuel2 – Air/Gas Mixer

P/N 30.45.100-60D

## Dimensions

- |                                 |                |
|---------------------------------|----------------|
| • Inside diameter of the nozzle | 60 mm (2.37")  |
| • Outside diameter of the mixer | 100 mm (3.94") |
| • Mixer length                  | 107 mm (4.22") |
| • Maximum length                | 235 mm (9.26") |

## Mechanical Data

- |                                                    |                           |
|----------------------------------------------------|---------------------------|
| • Weight                                           | 4.7 kg (10.4 lbs)         |
| • Permissible vibrations                           | 5 g at 20 Hz to 2000 Hz   |
| • Chemical resistance                              | Water, oil, gaseous fuels |
| • Maximum temperature of media flowing through     | +50 °C (+122 °F)          |
| • Air consumption min./max.                        | 100 m³/h to 650 m³/h      |
| • Suitable for flow bodies with min./max. diameter | 23 mm to 45 mm            |

## Climatic Environmental Conditions

- |                                 |                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------|
| • Permissible temperature range | -10 °C to +80 °C (+14 °F to +176 °F)                                                                                 |
| • Maximum relative humidity     | 85 % at +80 °C (+176 °F)<br>60 % at -20 °C (-4 °F)<br>without condensation up to<br>2,000 m (6,561') above sea level |

## Stepper Motor

- |                          |                                  |
|--------------------------|----------------------------------|
| • Connection             | 10-pole military style connector |
| • Maximum rotation angle | 192°                             |



## Overview Drawings

