

# TESA

## GAS SLIDE VALVE

- Suitable for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Family Gases.
- Class/Group 2
- Working pressure Range 0 – 100mbar
- Ambient Temperature Range 0 – 120°C
- Universal Mounting.
- Conforms to BS: EN126: 1995.

### Application

The TESA is a linear slider type gas valve used for controlling the gas flow to an appliance such as a domestic gas fire.

### Physical Description

The TESA has a Aluminium body and brass slider. The operation of the valve may be by means of a remote lever system. The valve incorporates a thermo-electric flame failure device. A micro-switch can be included to initiate ignition when the operating shaft is moved to the start up position. The flow rates can be tailored to customer requirements in respect of minimum flow, rate of change and full flow. A pilot take off is provided.

### Operation

The operating shaft is moved into the body to the forward stop to operate the ignition system and thermo-electric valve.

When the pilot is established, the shaft is then withdrawn from the body to minimum flow position. Flow may then be adjusted up to the full flow position.



Model TESA 3173/001

To turn the fire off, the shaft is then pulled out further from the HIGH position against a spring load to the off position to close the thermo-electric valve.

### Installation Considerations.

The valve may be secured to the appliance by means of the fixing holes provided in the body. The operating shaft can be provided with a tapped hole for attaching a remote operating mechanism.

Complies with Group 1 classification.

## Technical Specification

### Connections

Inlet: M12 x 1  
 Outlet: M12 x 1  
 Pilot: M8 x 1

### Operating Pressure

0 to 100 mbar.

### Ambient Temp Range

0 to +120°C.

### Flow Rate (l/hr air @ 20mbar pressure drop)

#### TESA 2762/032

Low: 108 ±8%  
 Medium: 319 - 374  
 Max.: 1200

#### TESA 3173/001

Low: 125 ±10%  
 Medium: 371 - 429  
 Max.: 1200

Minimum flow, rate of change and full flow can be tailored to customer requirements, subject to the application.

### Mounting Attitude

Universal

### Declared Life

Class B, 10 000 operations

### Weight (Nominal)

265g

### Standards

Conforms To BS EN 126: 1995  
 Approvals Certified by Advantica.

### Ordering Information

The following information must be given when ordering.....

Quote **unique model reference.**

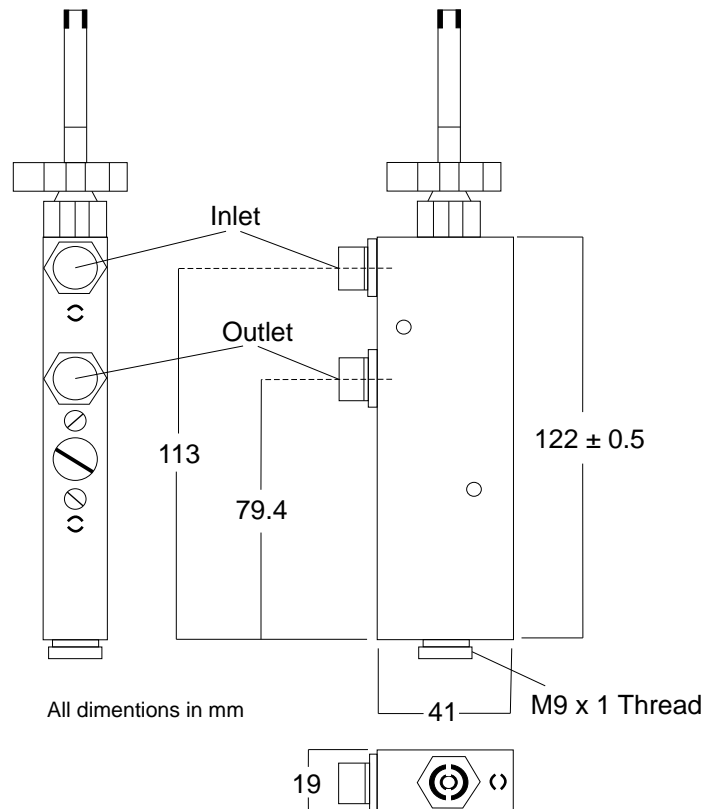
TESA 2762/032

TESA 3173/001

### Outline Details

Model TESA 3173/001

(Note: inlet and outlet positions vary according to model)



TEDDINGTON APPLIANCE CONTROLS LTD

Part of the TEDDINGTON GROUP

Holmbush · St. Austell · Cornwall · United Kingdom · PL23 3HG

Tel: +44 (0) 1726 74400 · Fax: +44 (0) 1726 67953

www.tedcon.com · info@tedcon.com

08/08



FM 1790