# Test burner
# PB2

**12.02**

**DUNGS®**
**Combustion Controls**



## Technical description

The Dungs test burner PB2 with push button cock is flashback-proof.

Press the push-button 1 to release gas supply. The gas flow takes the required air in through the hole in the burner tube 3.

The gas-air mixture is fed to the burner head 4 and manually ignited at the outlet opening.

The gas supply remains open when the push-button is pressed and is immediately interrupted after the pushbutton is released.

## Application

The universal gas test burner is used in firing systems for steam boilers and for venting gas regulator trains.

Test burners are required in compliance with the requirements of TRD 412 (5.95).

The PB2 is suitable for gases of families 1, 2 and 3.

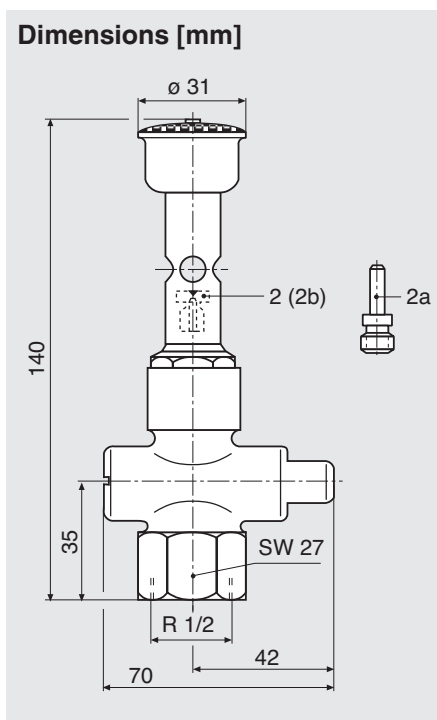## Approvals

DVGW registration notice

DG-4514CO0300

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## Specifications

| | |
|---|---|
| Connection | Standard R ½<br>Option Rp ½ |
| Max. operating pressure | Test burner: 500 mbar (50 kPa)<br>Push-button valve: 5 bar (500 kPa) |
| Min. pressure | Functionally reliable from a minimum pressure of 0.5 mbar (50 Pa) |
| Ambient temperature | -15 °C to +70 °C |
| Installation position | Vertically upright |

| Order details | Type | Order No. |
|---|---|---|
| **Test burner**<br>(complete with nozzle) | PB2 for natural gas; R ½ | 087 478 |
| | PB2 for LPG; R ½ | 196 640 |
| | PB2 for town gas; R ½<br>not approved for Austria | 178 970 |
| **Nozzles**<br>(spare / replacement) | Natural gas<br>Nozzle, 1.8 dia. | 033 217 |
| | LPG<br>Nozzle 2b, 0.8 dia. | 084 947 |
| | Town gas<br>Nozzle 2a, 1.3 dia. | 087 353 |
| **Sealing ring** | | 227 125 |

**Dimensions [mm]**



We reserve the right to make any changes in the interest of technical progress.