

# DOMESTIC REGULATOR WITH UPCO - M2.5



M2.5 – Domestic Gas Regulator

## DESCRIPTION

The Domestic Gas Regulator M2.5 is a low inlet pressure regulator popularly known as meter regulator and is used for supplying Natural Gas / LPG for residential household/domestic purpose which comply with PRS 3. The M2.5 regulator is a spring loaded direct-operated regulator including an excess flow protection which closes in case of high flow or low inlet pressure and reverts automatically to open position when conditions are back to normal.

## Application

The M2.5 regulator is designed for low pressure domestic applications with inlet pressure up to 200 mBar, and is available with integral under pressure cut-off (UPCO). It can be mounted in either a vertical or horizontal orientation.

## Technical Features

<b>Maximum Inlet Pressure</b>	: 200 mBar
<b>Outlet Pressure</b>	: 15 to 25 mBar (Factory Preset)
<b>Accuracy &amp; Lockup Pressure</b>	: AC5, SG 20
<b>Operating Temperature</b>	: -20 °C to +60 °C
<b>Acceptable Gases</b>	: Natural gas, LPG
<b>UPCO Trip Pressure</b>	: 12 to 15 mBar
<b>Gets max. flow at high accidental pressure at 0.2 Barg inlet</b>	

## Materials

<b>Body</b>	: Die Cast Aluminium
<b>Actuator</b>	: Die Cast Aluminium
<b>Seals</b>	: Nitrile
<b>Diaphragms</b>	: Nitrile

## Sizes & Connections

<b>Size</b>	: DN20
<b>Connection</b>	: 3/4" BSPT

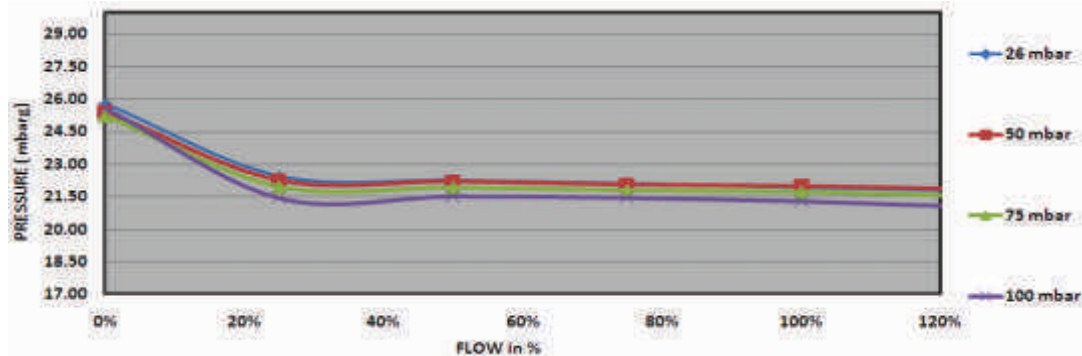
(Contact Nirmal for other connections)

## Performance

Tested in accordance with T/SP/PRS/3  
EN-334, AC 5, SG 20

- **FOR RESIDENTIAL APPLICATION**
- **HIGH ACCURACY**
- **READY TO CONNECT TO GAS METER**
- **UNDER PRESSURE CUT-OFF**

*Expertise that delivers*



**Performance Curve**

**OVERALL DIMENSION & FITTINGS**

**Under Pressure Cut-off**  
Switches at 12 - 15 mBar

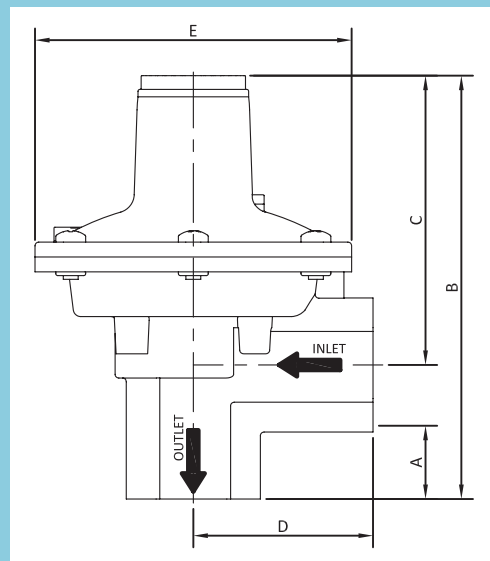
**Installation**  
The M2.5 regulator is installed directly on the hub of a gas meter

MODEL NO.	A	B	C	D	E	WEIGHT
M2.5	36	116	80	48.3	85	340g

All dimensions in millimeters.

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**Pressure Regulator M2.5**

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1st floor, Samridhi, L.B.S Marg, Mulund (W), Mumbai-400 080, INDIA  
Phone: 91-22-67746200 Fax: 91-22-25682771 E-mail: info@nirmalindustries.com  
Website: www.nirmal.co.in

