

# Electrical Gas Preheater RMG 900



## PRODUCT INFORMATION

**Serving the Gas Industry  
Worldwide**



## Electrical Gas Preheater RMG 900

Application, characteristics, technical data

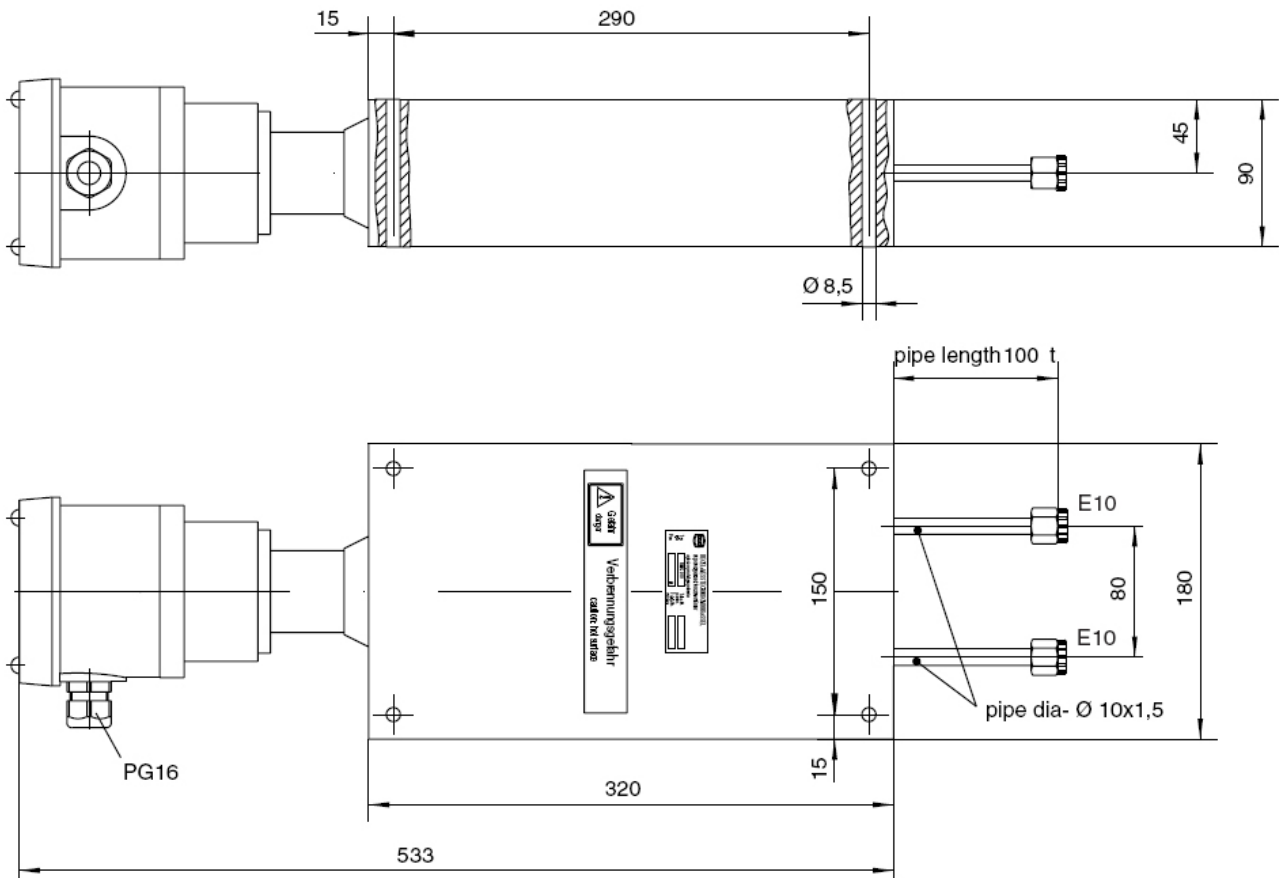
### Application

- gas preheating for pneumatic pilots
- suitable for natural gas and all non-aggressive gaseous media

### Characteristics

- the gas stream flows through a steel pipe encased in an aluminium block
- heat transmission via a flameproof electrical wire which is installed in the aluminium block
- variable mounting position

TECHNICAL DATA	
max. operating pressure	100 bar or 200 bar (see stock no.)
service voltage	230 VAC, 50 Hz
power	150 W
max. temperature of the aluminium block (under room temperature, t = 21 °C)	appr. 78 °C <b>CAUTION !</b> <i>danger of burning!</i>
transmissible heat output	the heat output depends on gas pressure and gas velocity
flameproof according to VDE 0171 part 5/5.78	EExde IIC T3
connection (inlet and outlet)	screw connections without brazing according to DIN 2353, external pipe diameter 10 mm
weight	appr. 18 kg
PTB approval no.	Ex-87/1120x
RMG stock no. pressure stage PN 100	89000000
RMG stock no. pressure stage PN 200	89001000

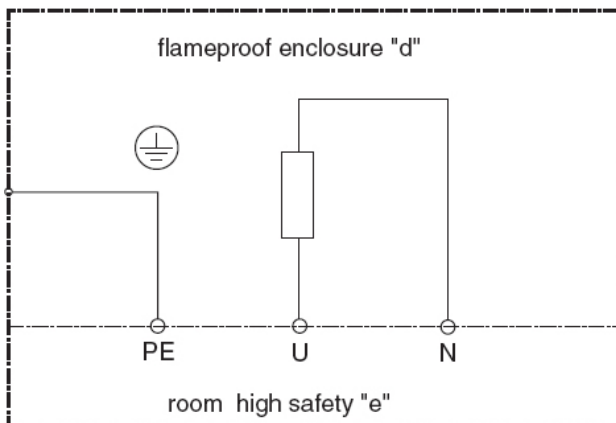


dimensions in mm

**Mounting instructions:**

- the electrical gas preheater can be mounted in all positions
- keep a minimum wall distance of 100 mm
- the aluminium block should neither be isolated nor additionally heated
- the length between the connecting pipes and the pneumatic pilot should not be less than 250 mm.

**Circuit diagram**



### **For More Information**

To learn more about RMG's Advanced Gas Solutions, contact your RMG account manager or visit [www.rmg.com](http://www.rmg.com)

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