

Electrical Gas Preheater HON 900



PRODUCT INFORMATION

**Serving the Gas Industry
Worldwide**

Honeywell

Electrical Gas Preheater HON 900

Application, characteristics, technical data

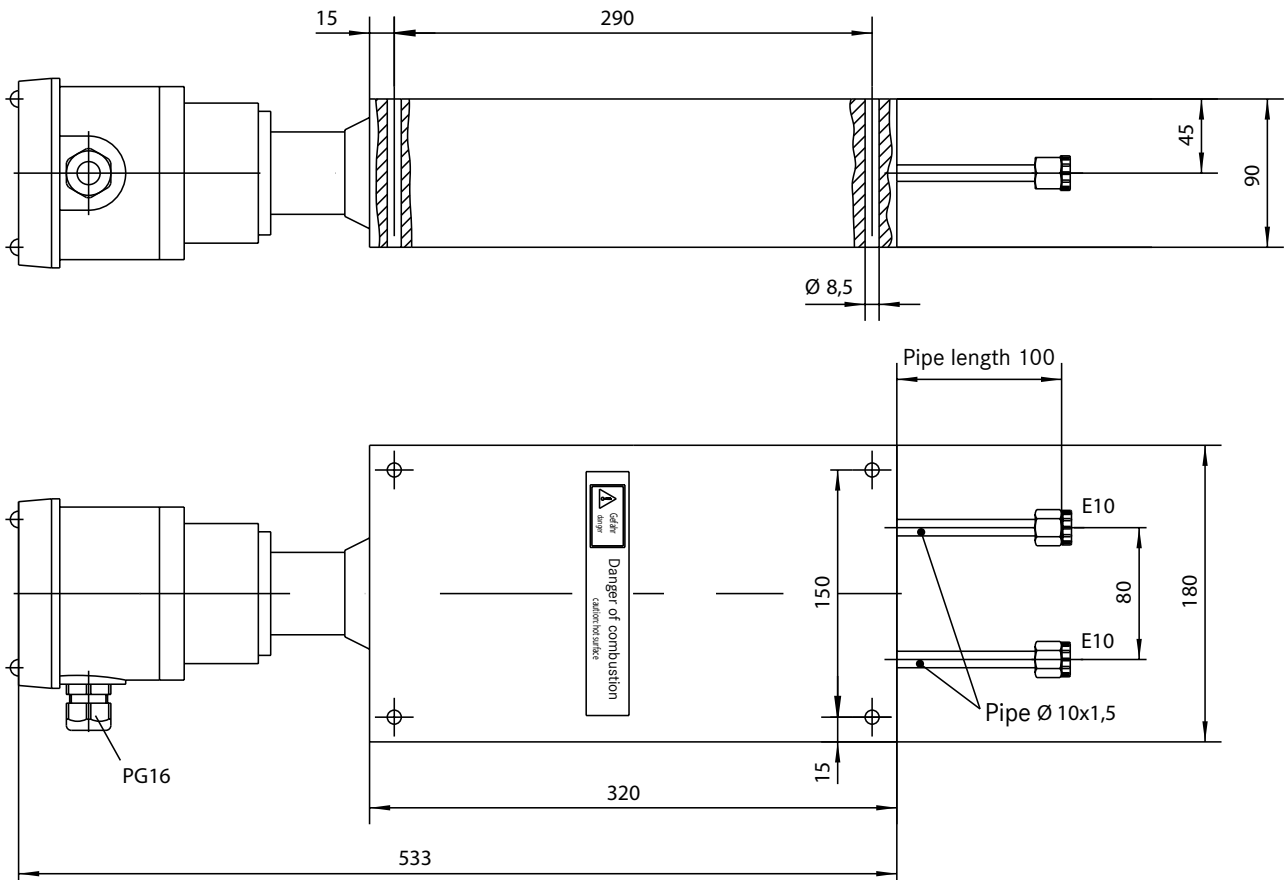
Application

- For pre-heating gas to pneumatic pilots
- Suitable for use with natural gas and gases of non-aggressive nature

Characteristics

- Gas flow is fed through a steel pipe cast in to an aluminium block
- Heat is transmitted via an explosion protected electric heater which is incorporated in to the aluminium housing
- Suitable for installation in any position

TECHNICAL DATA	
Max. operating pressure	100 bar or 200 bar special version
Operating voltage	230 V AC, 50 Hz
Power consumption	150 W
Max. temperature of the aluminium block (at room temperature, $t = 21^{\circ}\text{C}$)	Approx. 78°C ATTENTION! <i>Danger of burn injuries!</i>
Transmissible heat output	The amount of heat depends on the gas pressure and the flow speed of the gas.
Ex mark	 II 2 G EEx e II or de IIC T6 ... T1
Degree of protection	IP54 (IP65 is possible)
Gas connection (inlet and outlet)	Screwed pipe connection without brazing according to DIN 2353 Pipe outer diameter 10 mm
Weight	Approx. 18 kg
Certificate number EC prototype test	PTB 03 ATEX 1075 X
CE mark	No CE mark SEP version (good engineering practice)

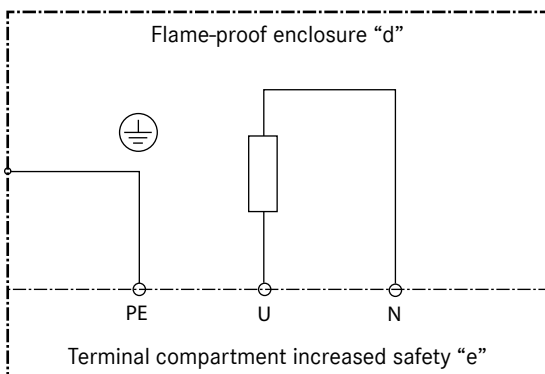


Dimensions in mm

Installation instructions:

- The HON 900 may be installed in any position.
- A minimum wall clearance of 100 mm to the fastening plate must be maintained using the stud bolts.
- The unit must not be shielded or additionally warmed.
- The length of the connecting lines to the pneumatic regulator should be a minimum of 250mm.

Electric circuit diagram:



For More Information

To learn more about Honeywell's
Advanced Gas Solutions, visit
www.honeywellprocess.com or contact
your Honeywell account manager

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