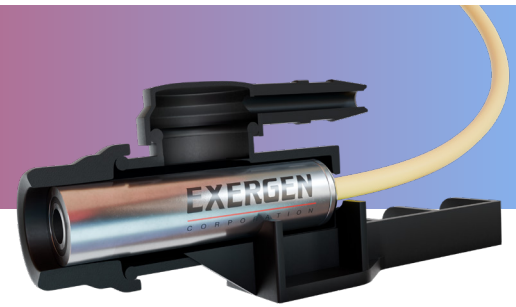


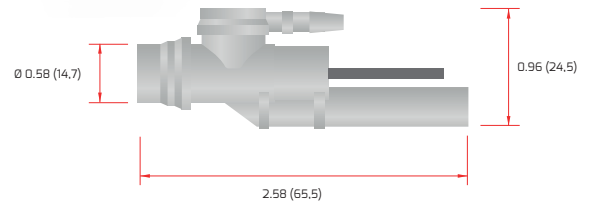
# Micro IRt/c airpurge



## Product Overview

This convenient and inexpensive kit makes it possible to use the micro IRt/c with air for service in harsh environments. Measuring only 65.5 mm (2.58) overall, the Micro IRt/c airpurge is physically small enough to fit into tight areas and closely monitor process temperatures from the optimum position - up close. This air purge kit ensures that the performance of a micro IRt/c does not degrade because of contamination by deposits of airborne chemicals or particles on the sensor.

Efficient in design, the Micro IRt/c airpurge requires as little as 3.5 SCFH (1.7 L/min) of air to protect a micro IRt/c. In addition to keeping a micro IRt/c clean, the airflow through the air purge jacket can cool a micro IRt/c, allowing it to operate in environments of up to 175°C (347°F) with only 17 L/min (35 SCFH) at 0.33 bar (5 psig).



## Technical Data

|                                      |                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------|
| Ambient temperature without airpurge | -20 to 85°C (-29 to 185°F) permanent<br>-20 to 100°C (-29 to 212°F) non permanent |
| Ambient temperature with airpurge    | 175°C (347°F)                                                                     |
| Material                             | Makrolon-9415 GTX Resin GTX4110                                                   |
| Flow rate - pressure                 | 17 L/min (35 SCFH) at 0.33 bar (5 psig)                                           |
| Dimensions                           | See drawing                                                                       |
| Tubing required                      | Attaches to standard 3/8" tube fitting or 3/8" ID tubing                          |

## Air flow chart

