

Ventilated radiation shield for temperature- humidity sensors

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## Ventilated radiation shield

## Instruction for use

## Application

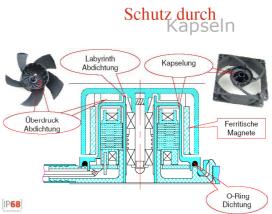


for the protection of an electronic thermometer and / or hygrometer against the influences of weather and radiation. The shield consists of white painted Aluminium. This design ensures a high reflectance and low thermal capacity and thus a very small influence of direct and indirect radiation on the measurement.

## Construction and mode of operation

The artificial ventilation of the radiation shield consists of a brushless DC fan and a white-coated Aluminium tube with a diameter of 60 mm. The air velocity inside the tube is at least 1.5 m / s. This ensures an accurate measurement even with calm winds and low sun position.

The dust-and waterproof fan is due to its novel construction of a protection degree of IP68 and is therefore ideal suitable for outdoor use.

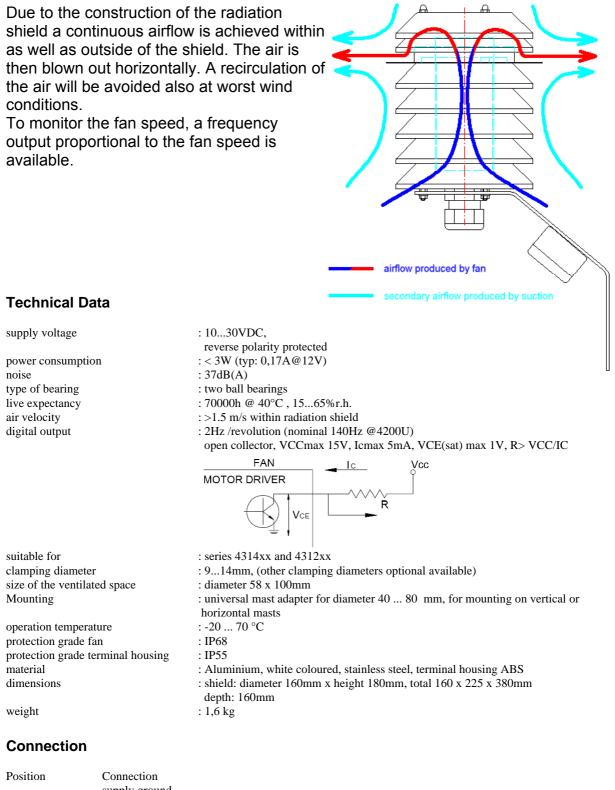




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Position	Connection
-	supply ground
+	supply 1030 VDC
GND	frequency output ground
6	frequency output VCC

The Fischer company reserves the right, to make changes/improvements to their products and specifications at any time without prior notice.



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