

Service note

Intercap Sensor replacement, example product HMP60
Instructions are generic and works for other products as well

VAISALA

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Removing the Filter

Use gloves (ESD gloves recommended) when attaching the sensor.



Removing the Old Sensor



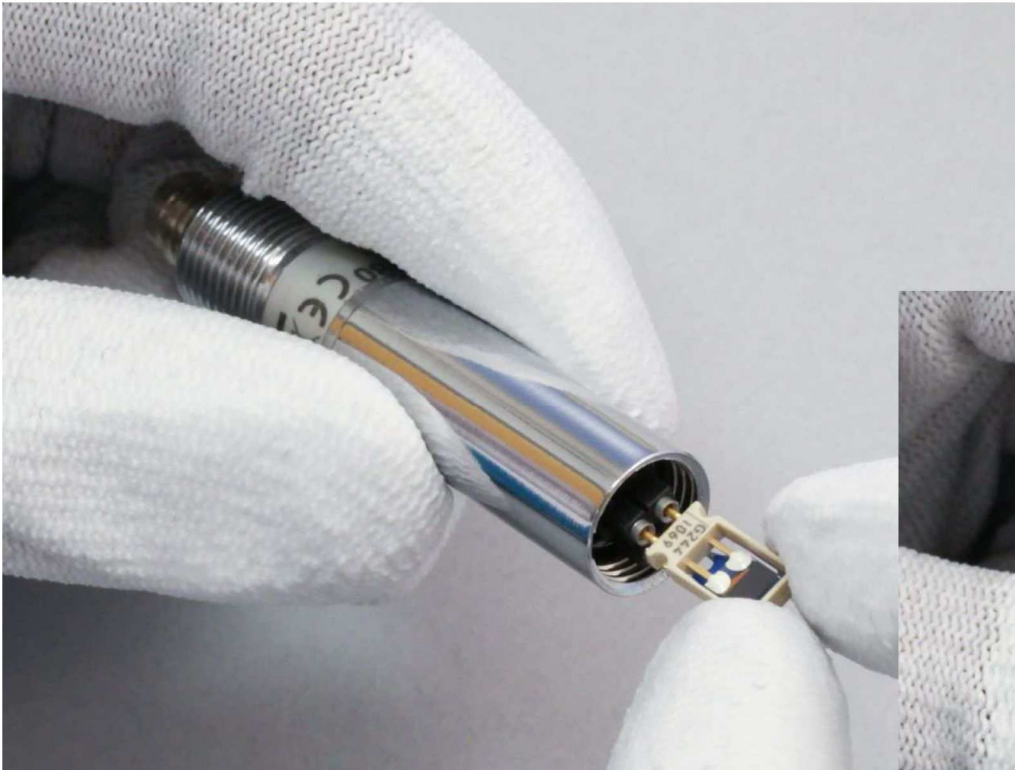
Remove the old humidity sensor. Be careful not to damage the temperature sensor.



Old sensor can be disposed of with mixed waste.

Inserting the New Sensor

Carefully insert the new sensor.
Do not touch sensor surfaces.



Sensor markings toward outer edge.



Inserting the Filter

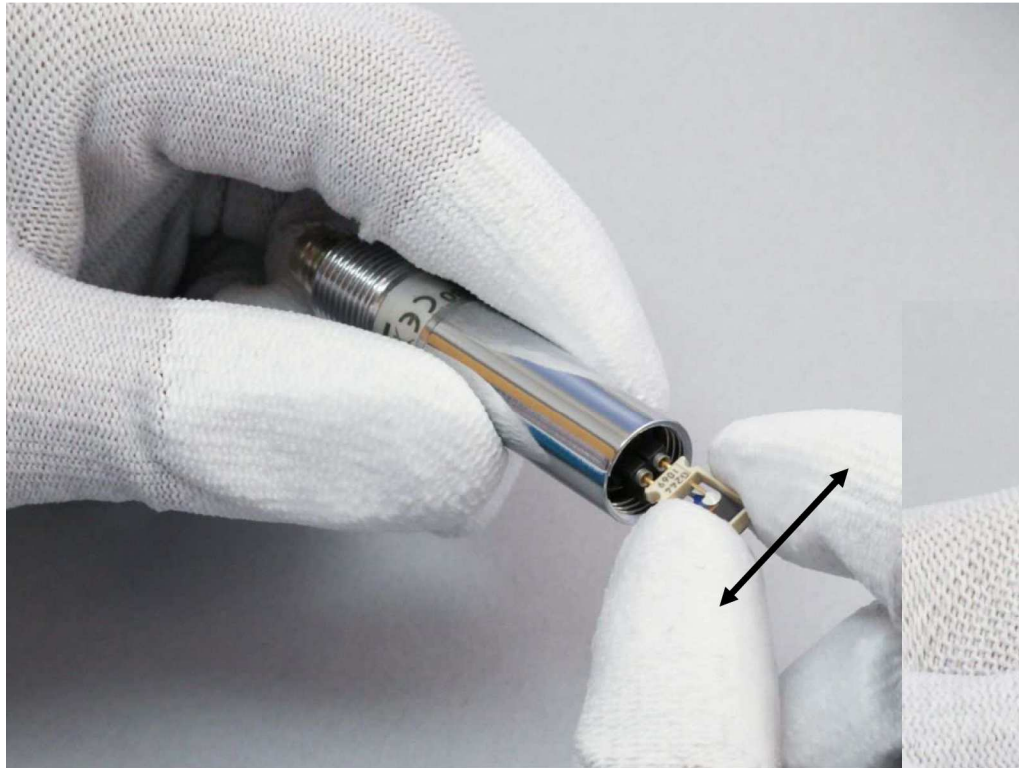


If the filter is dirty, replace it.
See product manual for spare
part number.



Insert the filter to the probe.

Tricks to Remove New Intercap Sensor



New sensor might get stuck into probe. Gently turn sensor from side to side.



Use needle-nose pliers if you need a better grip.

Tricks to Remove New Intercap Sensor

You can also use tweezers...



...or a small flat-head screwdriver.



Humicap 180 / Intercap replacement list

- Humicap180 and Intercap are based on same sensor chip, only difference is capacitance at dry condition
- All our products are not capable to use sensor with different dry capacitance
- For following product families it is recommended to sell Intercap spare part (15778HM) instead of HUMICAP180. Same list applies with composite sensors (HUMICAP180C vs. 229011SP)
 - HMT330 platform (HMT330, PTU300, MMT300)
 - HMD60/70
 - HMW60/70