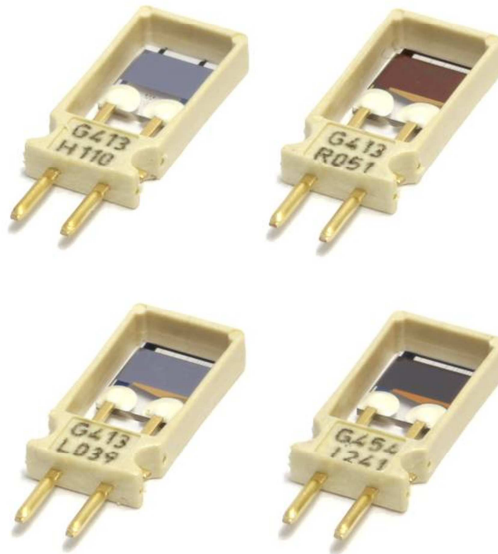


## Why does my industrial transmitter use an INTERCAP® sensor?

Some customers have noted that we now offer the 15778HM INTERCAP sensor as spare part for industrial transmitters instead of the HUMICAP180 sensor.

The reason for this is simple. After the latest change to the humidity sensor encapsulation the differences between the Intercap sensor (sparepart number 15778HM) and the Humicap180 sensor disappeared. The Intercap sensor is now as corrosion resistant as the Humicap180. For productivity reasons we decided to discontinue the Humicap180 item.



### New generation humidity sensors

The 15778HM is compatible with the devices that have used Humicap180 in the past.

***What about the accuracy?***

In order to achieve  $\pm 1\%RH$  or  $\pm 2\%RH$  accuracy adjustment is still necessary.

Devices that are electronically adjusted to the nominal values of an Intercap sensor can exchange Intercap sensors without adjustment to achieve  $\pm 3\%RH$  accuracy.

If the device has been adjusted together with the Intercap sensor for improved accuracy  $\pm 3\%RH$  interchangeability is not maintained as the differences between individual Intercap sensors can be up to  $6\%RH$ .

***Is the Intercap sensor as good as the Humicap180?***

Yes it is. The stability is every bit as good as with the previous Humicap180 sensor. Corrosion resistance is now also at the same level.

For the most demanding environments we do recommend the latest generation Humicap180R sensor with superior stability and chemical tolerance.