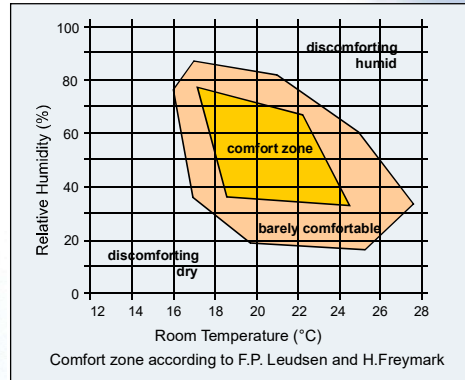


Humidity/Temperature Transducers

DKRF425, Light Switch Design



With their Flush Mounting Line Driesen + Kern offers a selection of sensors for building automation. The probes fit into standard flush-mounted boxes and are compatible to switch product ranges of several manufacturers. This lets them easily integrate into existing building concepts. The sensor measures temperature, humidity, CO2 concentration and light intensity (further details regarding CO2 and light intensity can be found in the separate data sheet). Both analog output and an optional switching output are available. The standard models are configured for products of Gira and Busch-Jaeger. Compatibility with other products available on request.

Flush-mounted Module for RH Humidity/Temperature

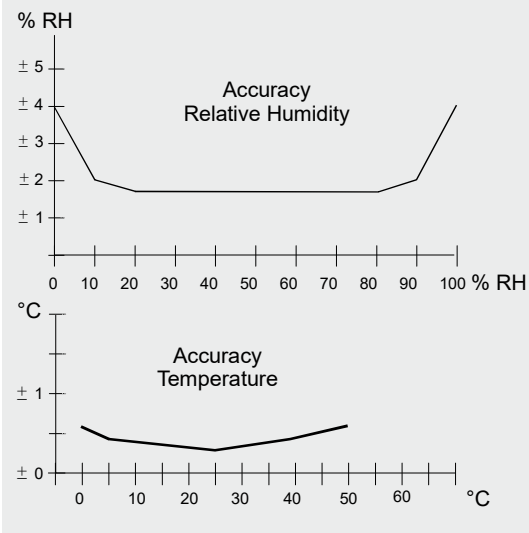
The humidity sensor DKRF-425 for flush mounting measures relative humidity and temperature in the air. It gives out two analog signals which corresponds to 0...100% RH and 0...50°C respectively. It works well in living areas, offices, conference rooms and centres etc. The latest, long-term stable sensor technology of the flush-mounted sensor ensures precise measurements for many years without the need for recalibration.

Specifications

Relative Humidity
 Measuring range: 0...100% RH (noncondensing)
 Accuracy: see diagram below

Temperature
 Measuring range: 0...50°C
 Accuracy: see diagram below

Outputs: 0...10 V (0...1 / 0...5 V optional)
 Supply: 12...35 VDC / 12...24 VAC



| Order Code | |
|---|--|
| The following order code applies to the DKRF425 sensors DKRF425-AA-MOD-FC | |
| AA = Analog output | 01 = 0...1 V 05 = 0...5 V 10 = 0...10 V |
| MOD = Model | G55 = Gira System55 JLS = Jung LS |
| FC = Colour code | RS = Pure white, silk-matt RG = Pure white, glossy CG = Creme, glossy SM = Matte silver |