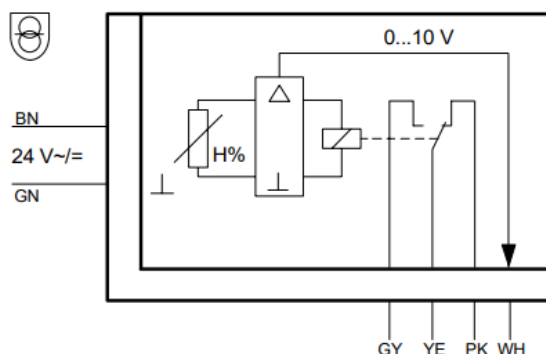


# Dew Point Monitor

Sensor GA FD 24V



BN= brown  
GN= green  
GY= grey  
YE= yellow  
PK= pink  
WH= white

## Product Details

The dew point monitor is required in conjunction with room thermostats to protect against condensation on cooling surfaces. If the air temperature falls below the dew point, condensate forms on the cooling surface. The problem arises when the ambient temperature falls below the dew point. To prevent this, the dew point monitor detects the occurrence of moisture and interrupts the cooling mode. In this way, moisture damage can be prevented.

### Features

- Simple mounting
- Effective protection against moisture damage
- Condensation detection when the dew point is undercut
- Tightening strap for pipe with diameter 10...100 mm
- For electrical wires up to 1.5 mm<sup>2</sup>

### Technical Data

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <b>Item number</b>                      | 1141951                             |
| <b>Operating voltage</b>                | 24 V AC/DC 50...60 Hz               |
| <b>Switching contact</b>                | Change-over contact 1 A, 24 V AC/DC |
| <b>Protection class</b>                 | IP 40                               |
| <b>Colour</b>                           | White                               |
| <b>Power consumption</b>                | 1 VA                                |
| <b>Setpoint value (switching point)</b> | 95 % RH +/- 4                       |
| <b>Switching differential</b>           | Fixed approx. 5% RH                 |
| <b>Ambient temperature</b>              | 5...60 °C                           |
| <b>Dimensions</b>                       | 60 x 60 x 36.5 cm                   |

### Mounting

The dew point monitor is mounted on the supply pipe by means of a fastening strip.