Roth Touchline dew point sensor 24V

Description
The Roth Touchline dew point sensor 24V is for use in systems where cooling in the floor or ceiling is predetermined.
The dew point sensor helps to prevent condensate in the floor/ceiling construction.

The dew point sensor shuts down cooling throughout the system and records an error on the installation in the event of excessive relative humidity. The LED display flashes, showing the excessive humidity value under the cover. The system restarts automatically when relative humidity is restored to an acceptable level. Under normal operating conditions, the current value is shown in the display. This indicates that the system is monitoring relative humidity as it should.

NOTE:
Any system that includes cooling must have a Touchline dew point sensor 24V.

Technical data

Dew point sensor 24V	HVAC no. 7466393156
Output voltage:	24V AC/DC (±5%)
Power consumption:	Max. 3.5 VA
Max. load:	5A, 230V~
Recommended ambient temperature range:	0.....+50°C
IP Class:	IP Class: III (IP 65)
LED lamp:	
LED display lit:	Output voltage, OK
LED display flashing:	Condensate/dew point exceeded

IP 65

Product conformity:
This product is CE-approved and meets CE conformity requirements. GOST, RoHS

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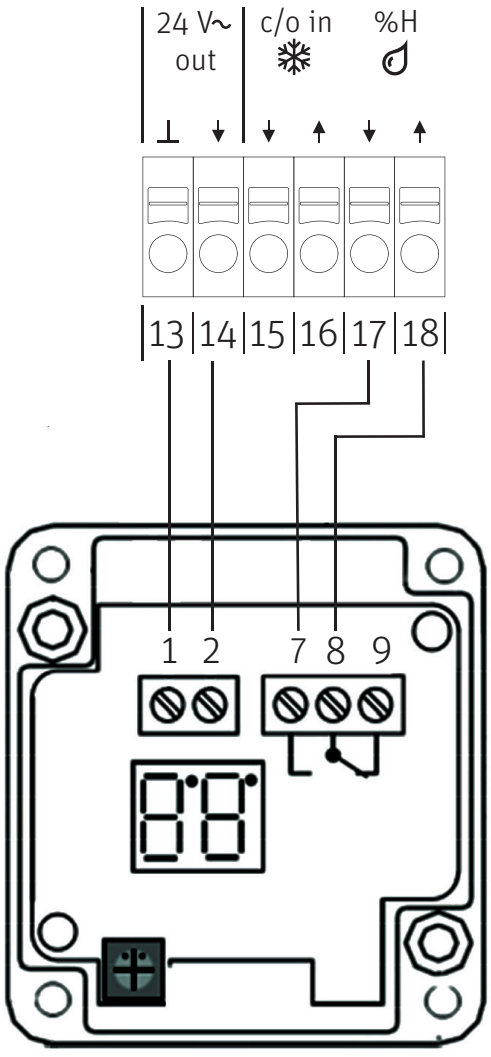
Fitting instructions:
Always fit the dew point sensor to flow (the coldest pipe). The pipe surface must be clean. Apply heat paste to the pipe. Secure the dew point sensor using cable ties (supplied). Do not enclose or insulate the measuring element. Ambient air must flow freely over it.

In clean atmospheres, the dew point sensor is maintenance-free.
If the dew point sensor is used in a aggressive atmosphere, damage and errors may occur.
A soiled sensor may also return errors.
If the sensor is fitted in a dirty environment, we recommend that it is cleaned at least once a year.

The dew point sensor may only be used for the purposes for which it is intended, i.e. to protect the construction from moisture damage due to cooling.

Connection table/diagram



Dimensions