

oggetto: redazionale XH

XH: TEMPERATURE/HUMIDITY probes

Dixell extends its range of sensors with the new XH50P and XH55P models designed for temperature/humidity. These probes are equipped with RS485 that is ModBUS-RTU compatible and are capable of evaluating the dew point values of ambients. These features make these devices essential for a large range of applications such as refrigeration, air conditioning and domotics.

It's interesting to note that in the refrigeration field these sensors achieve high energy saving, thanks to the possibility of calculating the dew point of the room and therefore driving anti-sweat heaters; power is modulated according to actual room conditions (temperature and humidity) by means of the probe relay or through the optional 0-10V analog output. In air conditioning instead, if used with iPro programmable controller, the XH50P and XH55P (version with knob) become fundamental devices in managing comfort in any household, hotel room, office and hospital structure. By using these devices in any zone, it's possible to know the temperature (management of floor heating) or both temperature and relative humidity (management of radiating plant). All of the measured values are sent through the RS485 to an iPro programmable controller which will manage various loads such as water pumps, mixer valves, boilers, dehumidifiers, heat pumps. Among the most important features of these sensors: the Hot Key, the configurable digital output, the possibility of connecting an external NTC probe and the compatibility with box 503 dimensions that makes these devices suitable for wall mounting.