RUG35 DEW POINT TRANSMITTER

Accurate dew point analog transmitter for harsh environments. Ideal for drying process, air compressed plants, gases pipelines, etc.

RUG35 rugged, affordable instrument, based on HC series polimeric humidity sensor. Scale range within to +/-60°C of dew point in temperature at +/- 2°C of accuracy. Two programmable outputs easily configurable by user for each measured parameter. Dew point temperature(Td), dry bulb temperature(T). One optional output can be required to control an alarm threshold refered to one of the two variable by a trimmer.

Display LCD on demand.

Self calibration



RUG 35 - Display execution on request

Dew point in ambient temperature range -60°/-20°C is equivalent to 0,08...5,37% r.H. relative humidity. Conventional capacitive humidity sensor can't detect these low values. Special autocalibration procedure for offset compensation, performs high accuracy up to -60°C lower dew point temperature limit.

Installation

On option, the ball valve allowabled for probe replacing without shut off air-gas flow.

Alarm output on demand.

One relay with threshold set up configurable by trimmer on card.

