

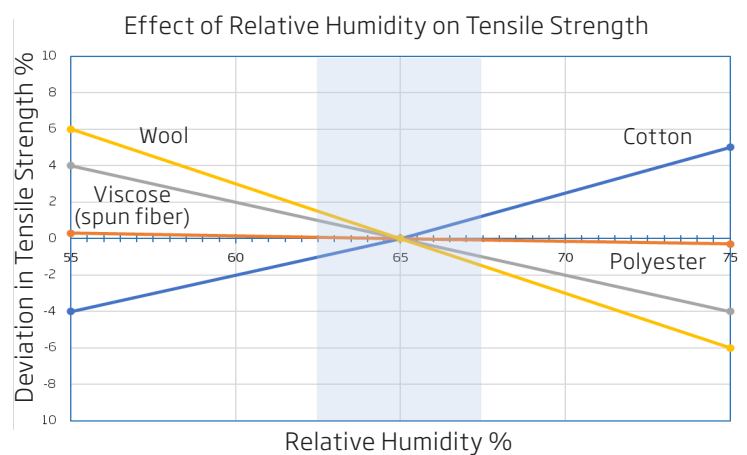
## DigiControl 7

### Regulate, Control, Monitor

#### Regulate

In textile manufacturing processes, many factors influence the productivity and quality of the yarn. The main task of air conditioning and filtration systems is to keep these factors under control to achieve the highest profit from the installed production capacity.

- Constant relative humidity, within a range of  $\pm 2.5\%$  RH at all times
- Even temperature profile to keep fiber fly under control
- Elimination of influence from outside air
- Air balance in all production areas
- Energy use
- Any deviation from optimum performance parameters



#### Humidity-Temperature Transmitter HTT

For measurement in air-conditioned rooms and air ducts. Features sensor protection against the textile production environment.

#### Temperature Transmitter TT

Ideally suited for distributed temperature measurements in the production spaces. Avoids hot spots and lack of data density.

#### Differential Pressure Transmitter DPGT

Allows precise assessment of filter performance.

#### Control

Ideal regulation of the textile production space is achieved by a harmonized interaction of mechanical air moving equipment, digital control and precise sensors. DigiControl 7 delivers this harmony, unlike random assemblies of hardware and software.

All Luwa switchboards are custom designed for the task. We adhere to European, US and other local standards to produce the safest and most rugged control panel and switchboard design.



# DigiControl 7

## Monitor

The right information delivered to the right people in the right way is the capstone of DigiControl 7 performance. Constant relative humidity, within a range of  $\pm 2.5\%$  RH at all times.

Hi-resolution screens with customized, clear icons make status indication fast and easy for any operator. HMI screens are available in 3 sizes (15", 7", 4").

We have developed state of the art system diagrams to make control room operation clear and easy, reducing response time for issues. Features: Plant graphics, historical data, alarm reports, trends, service information, energy metering.

Every DigiControl 7 system comes complete with the market-leading Insight remote dashboard, delivering system status on mobile devices with instant notification of alarms or problems.

