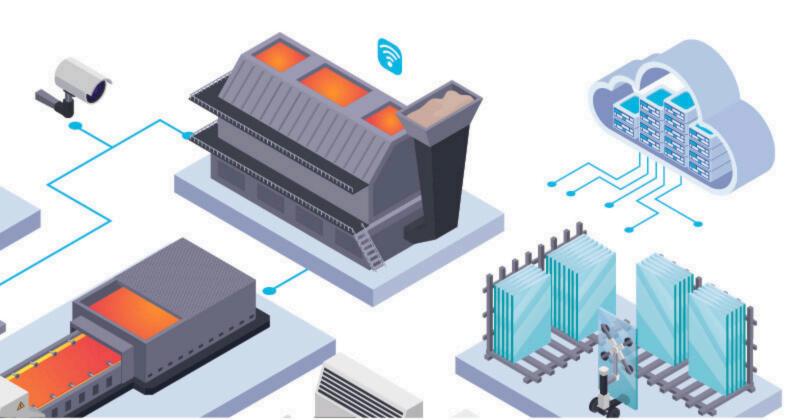


FROM THE PLANT TO THE CLOUD

GLASS INDUSTRY







Solutions for production of:



Hollow glass



Glass for special purposes



Flat glass

Tailor-made sensors for:

Temperature Pressure Conductivity Energy Flow
Humidity
Glass level
Oxygen



PaaS

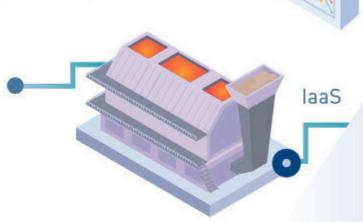
SaaS

GLASS PRODUCTION

From the plant to the cloud

- Your historical data always protected
- Intuitive visualisation for accurate decision making

Customised sensors







DATA: Wherever you need it



1 Need, 2 solutions

JUM0



JUM0 smartWARE-SCADA

- Automatic update
- 99% availability
- Backup and protection



- Software update service
- Availability
- Backup & security by customer

*Server by customer

*JUMO server

Connection

DATA: Visualisation

in glass production

IEC 60870-104 IEC 61850 M-Bus

OPC UA / DA PROFINET / PROFIBUS Modbus TCP / RTU Beckhoff ADS.NET KNX **MQTT 3.11 REST API** SQL-, CSV-Import

- 1- Record or trend
- 2- Signal legend
- 3- Online visualisation
- 4- Process template
- 5- Location on map





DATA: Display

Specific sensors for measuring in direct contact with glass

Customised manufacture:

- Material
- Diameter

The protection tip can be made of:

- Stabilised platinum
- PtRh 10%.
- Customised to measure glass temperature by contact.

Sensor versions up to 1,600 °C

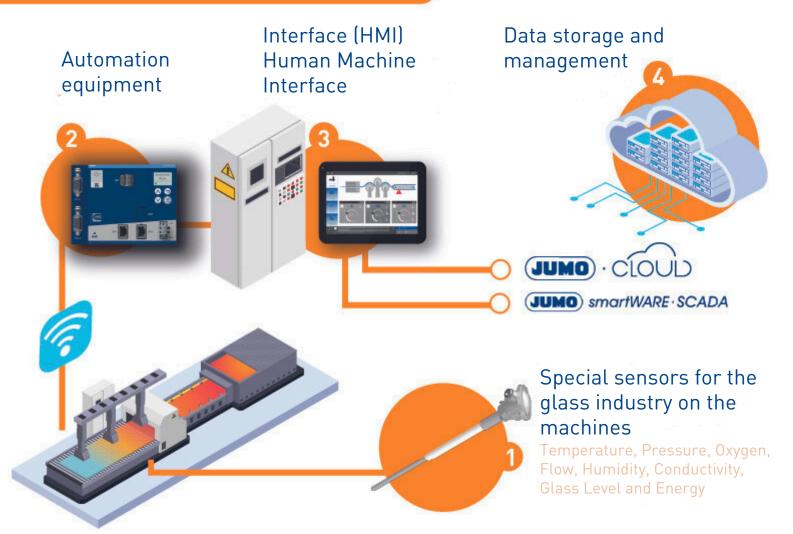
Types of thermocouples: K, S, R, B, N



Sensors and service **100%** customised

APPLICATION: GLASS





COMPLETE SOLUTION





MORE INFORMATION...



Complete brochure



Want to know more?

Write to us and we will send you the complete manual on:

"The glass industry"