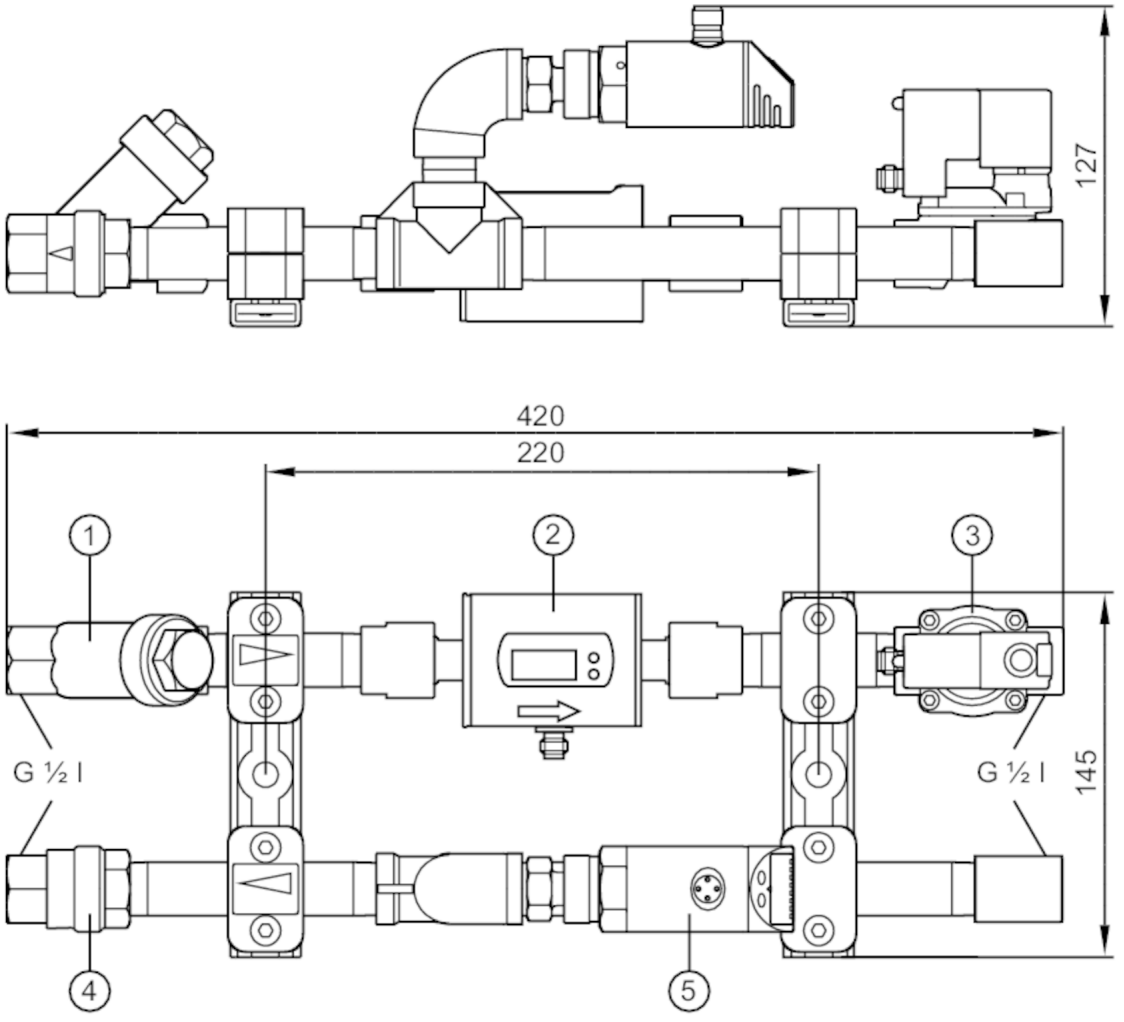
# ZZ0452

## Cooling water control panel

KWST HIGH END




1 filter
2 magnetic-inductive flow meter SM6000
3 water stop valve
4 backstop
5 electronic pressure monitor PN

| Product characteristics | | |
|---|---|---|
| Process connection for welding gun | | |
| Process connection | | threaded connection G 1/2 internal thread |
| Process connection for water supply | | |
| Process connection | | threaded connection G 1/2 internal thread |
| Flow monitoring | | |
| Measuring range | [l/min] | 0.1...25 |
| **Application** | | |
| Special feature | | Gold-plated contacts |
| Application | | Industrial applications / factory automation; cooling water control |
| Installation | | connection to pipe by means of an adapter; tube connection |
| Measuring parameters | | flow; temperature; pressure; totaliser |

# ZZ0452

## Cooling water control panel

KWST HIGH END

| | | |
|---|---|---|
| Control | | manual |
| Media | | conductive liquids; hydrous media; glycol solutions |
| Medium temperature | [°C] | -10...70 |
| Pressure rating | [bar] | 10 |
| Components | | Magnetic-inductive flow meter, SM6000 |
| | | Electronic pressure monitor, PN7094 |
| | | filter |
| | | water stop valve |
| | | backstop |
| **Outputs** | | |
| Output signal | | switching signal; analogue signal; pulse signal; IO-Link |
| Output function | | normally open / normally closed; (parameterisable) |
| **Measuring/setting range** | | |
| Pressure monitoring | | |
| Measuring range | [bar] | -1...10 |
| Flow monitoring | | |
| Measuring range | [l/min] | 0.1...25 |
| Temperature monitoring | | |
| Measuring range | [°C] | -20...80 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -10...50 |
| Storage temperature | [°C] | -25...80 |
| Protection | | IP 67; (sensors) |
| **Tests / approvals** | | |
| EMC | | DIN EN 61000-6-2 |
| | | DIN EN 61000-6-3 |
| Pressure Equipment Directive | | Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request |
| **Mechanical data** | | |
| Weight | [g] | 3388.5 |
| Type of mounting | | Mounting bracket |
| Materials | | stainless steel (316L/1.4404); PBT-GF20; PBT; PC; FKM; TPE; gunmetal (2.1096.01) |
| Materials (wetted parts) | | stainless steel (316L/1.4404); PEEK; FKM; NBR; PVDF; ceramics |
| Process connection for welding gun | | |
| Process connection | | threaded connection G 1/2 internal thread |
| Process connection for water supply | | |
| Process connection | | threaded connection G 1/2 internal thread |
| **Remarks** | | |
| Pack quantity | | 1 pcs. |
| **Electrical connection** | | |
| Connector: 3 x M12; Contacts: gold-plated | | |