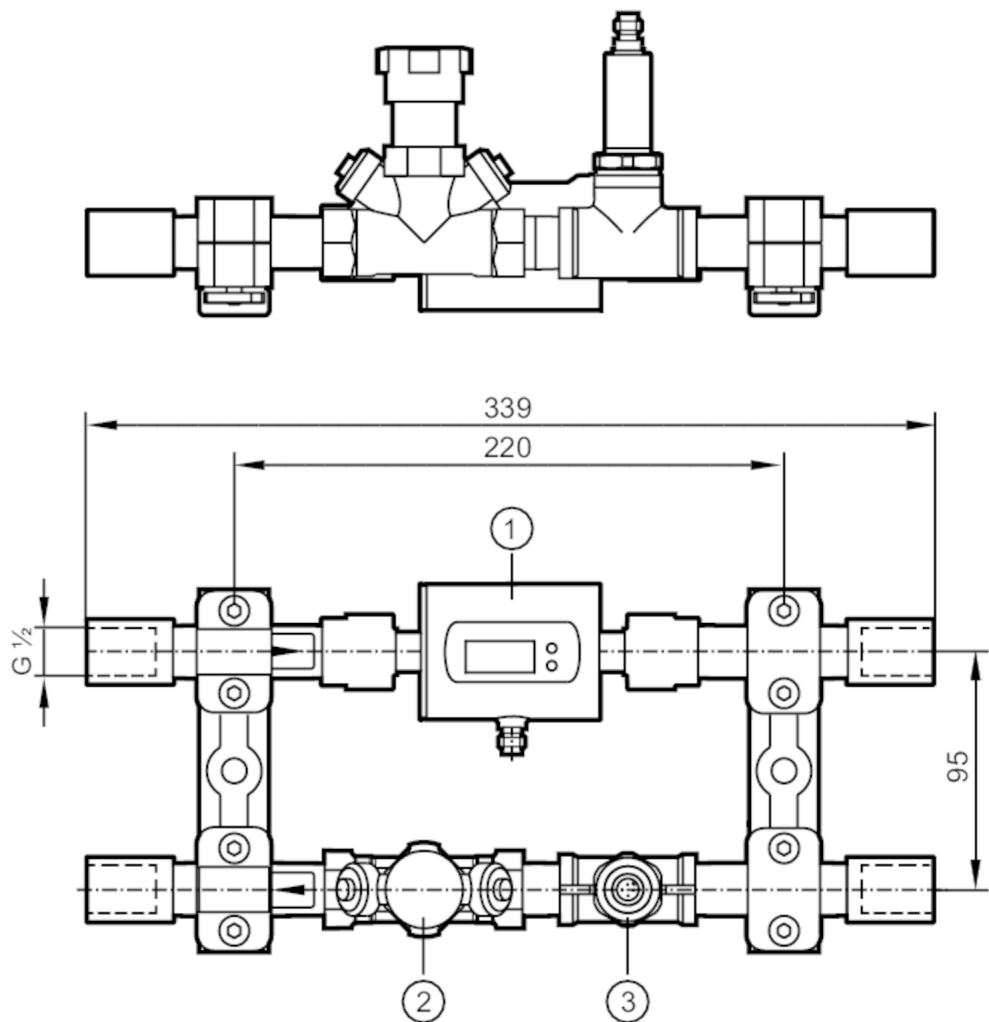


ZZ0600



Weld water cooling water flow loops

FLUID MONITORING SYSTEM



- 1 Magnetic-inductive flow meter SM6000
- 2 regulating valve
- 3 Temperature transmitter TA2405



| 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                         |  |          |
| System                              | gold-plated contacts                                       |          |
| Application                         | Industrial applications; Cooling water control             |          |
| Installation                        | connection to pipe by means of an adapter; tube connection |          |
| Measuring parameters                | flow; temperature; totalizer                               |          |
| Control                             | manual   |          |

# ZZ0600



## Weld water cooling water flow loops

### FLUID MONITORING SYSTEM

|   |   |  |
|---|---|--|
| Media                                     | Conductive liquids; water-based media; glycol solutions                               |  |
| Medium temperature [°C]                   | -10...70  |  |
| Components                                | Magnetic-inductive flow meter, SM6000   |  |
|   | Temperature transmitter, TA2405   |  |
|   | regulating valve  |  |
| Outputs                                   |   |  |
| Output signal                             | switching signal; analog signal; Pulse output; IO-Link (configurable)                 |  |
| Output function                           | normally open / closed; (configurable)  |  |
| Measuring/setting range                   |   |  |
| Flow monitoring                           |   |  |
| Measuring range [l/min]                   | 0.1...25  |  |
| Temperature monitoring                    |   |  |
| Measuring range [°C]                      | -50...150   |  |
| Operating conditions                      |   |  |
| Ambient temperature [°C]                  | -10...50  |  |
| Storage temperature [°C]                  | -25...80  |  |
| Protection                                | IP 67; (sensors)  |  |
| Tests / approvals                         |   |  |
| Pressure equipment directive              | sound engineering practice; can be used for group 2 fluids; group 1 fluids on request |  |
| Mechanical data                           |   |  |
| Weight [g]                                | 2662.35   |  |
| Type of mounting                          | Mounting bracket  |  |
| Material                                  | stainless steel (1.4404 / 316L); PEI; PBT-GF20; PC; FKM; TPE; PBT; bronze (2.1096.01) |  |
| Materials (wetted parts)                  | stainless steel (1.4404 / 316L); PEEK; FKM; NBR; PVDF                                 |  |
| 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: 2 x M12; Contacts: gold-plated |   |  |