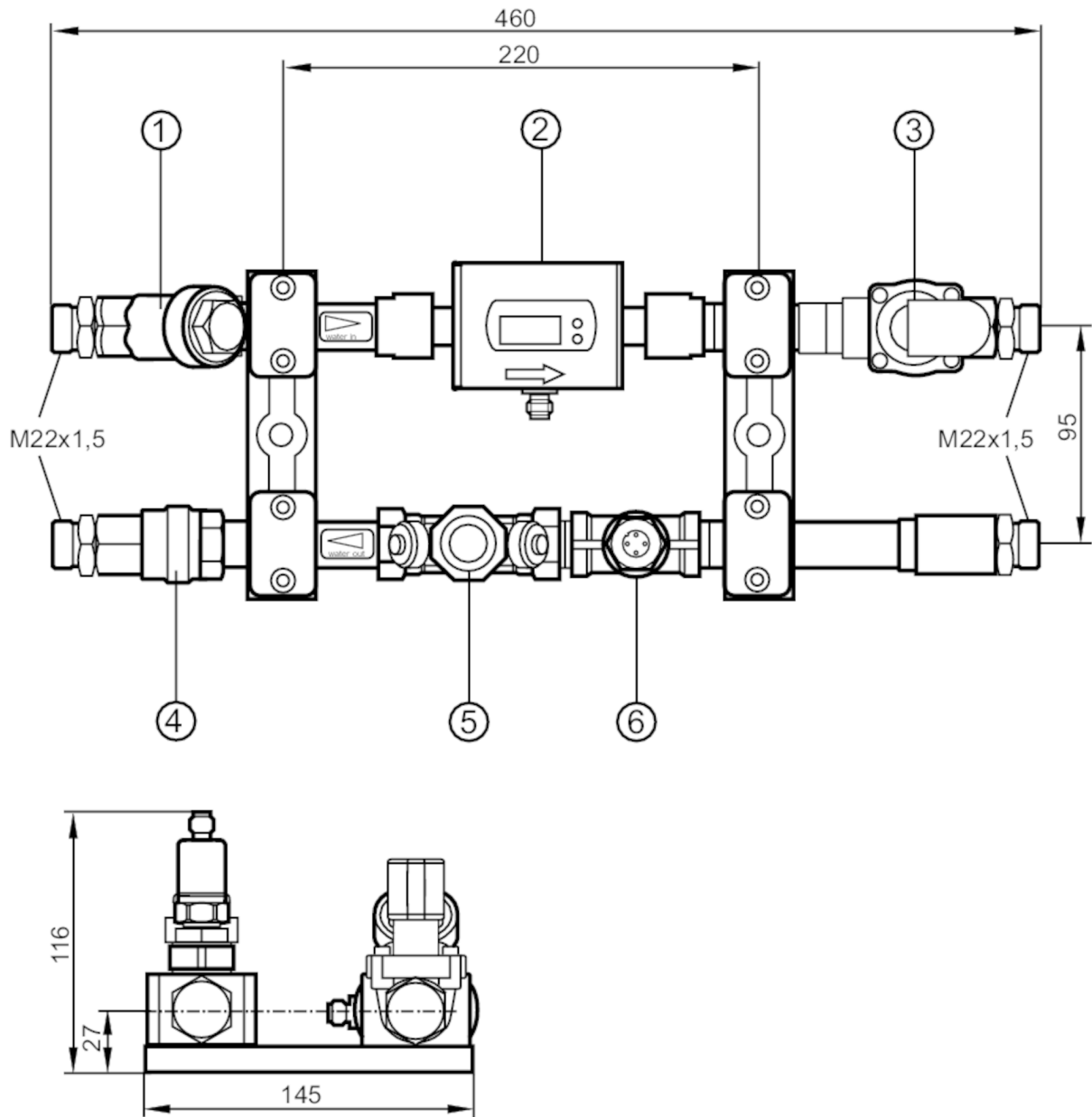




Weld water cooling water flow loops

KWST WITH BALANCING VALVES



- 1 filter
- 2 Magnetic-inductive flow meter SM6000
- 3 water stop valve
- 4 backstop
- 5 regulating valve
- 6 Electronic pressure monitor PK6524



Product characteristics

Process connection for welding gun

Process connection

threaded connection M22 x 1,5 Internal thread

Process connection for water supply

Process connection

threaded connection M22 x 1,5 Internal thread



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KWST WITH BALANCING VALVES

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; pressure; totalizer	
Control	manual	
Media	Conductive liquids; water-based media; glycol solutions	
Medium temperature	[°C]	-10...70
Pressure rating	[bar]	10
Components	Magnetic-inductive flow meter, SM6000	
	Electronic pressure monitor, PK6524	
	filter	
	water stop valve	
	regulating valve	
	backstop	
Outputs		
Output signal	switching signal; analog signal; pulse signal; IO-Link	
Output function	normally open / closed; (configurable)	
Measuring/setting range		
Pressure monitoring		
Measuring range	[bar]	0...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]	3858
Type of mounting	Mounting bracket	
Material	stainless steel (1.4404 / 316L); PBT-GF20; PBT; PC; FKM; TPE; 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 M22 x 1,5 Internal thread	

ZZ0262



Weld water cooling water flow loops

KWST WITH BALANCING VALVES

Process connection for water supply	
Process connection	threaded connection M22 x 1,5 Internal thread
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: 3 x M12; Contacts: gold-plated	