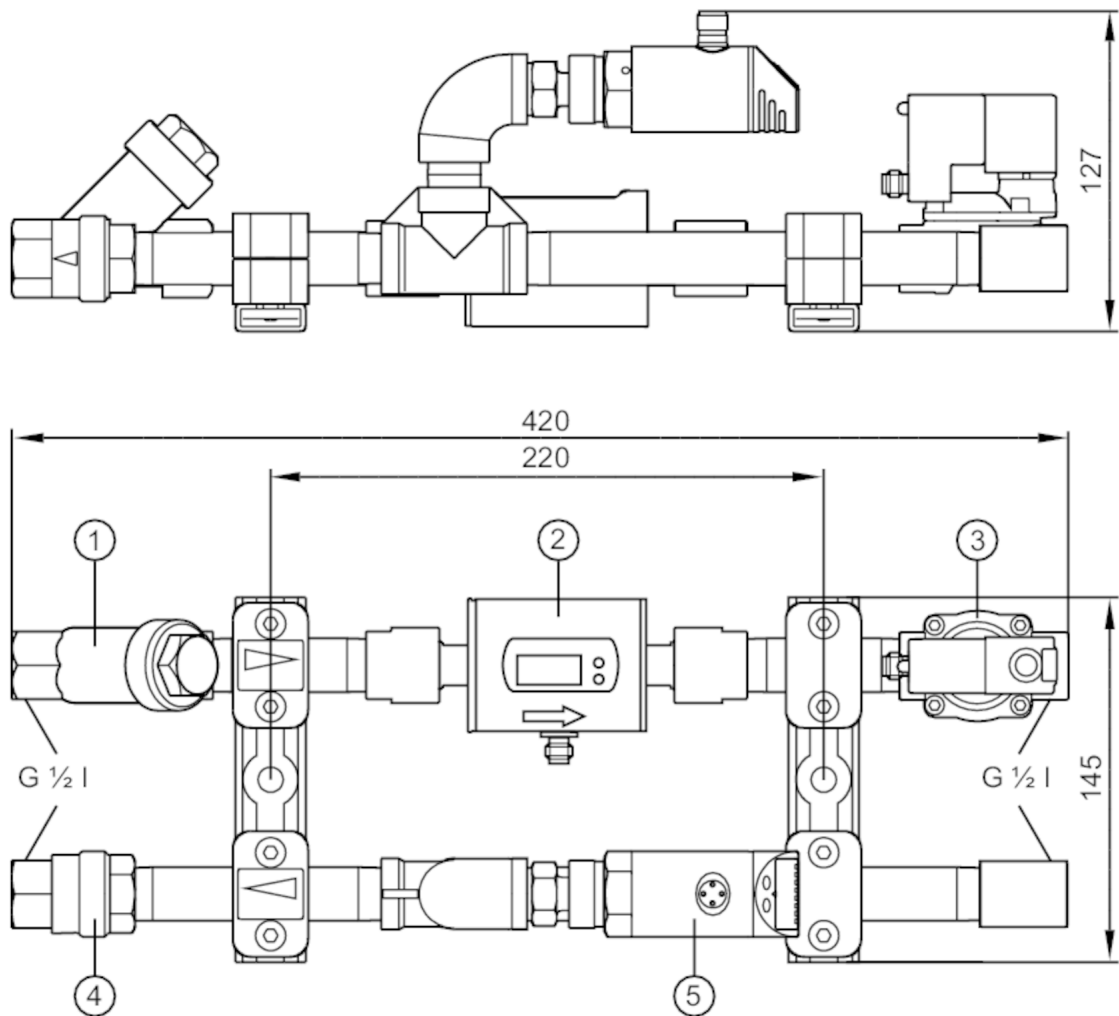




Weld water cooling water flow loops

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		
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



Weld water cooling water flow loops

KWST HIGH END

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, PN7094	
	filter	
	water stop valve	
	backstop	
Outputs		
Output signal	switching signal; analog signal; Pulse output; IO-Link (configurable)	
Output function	normally open / closed; (configurable)	
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	
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; 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		