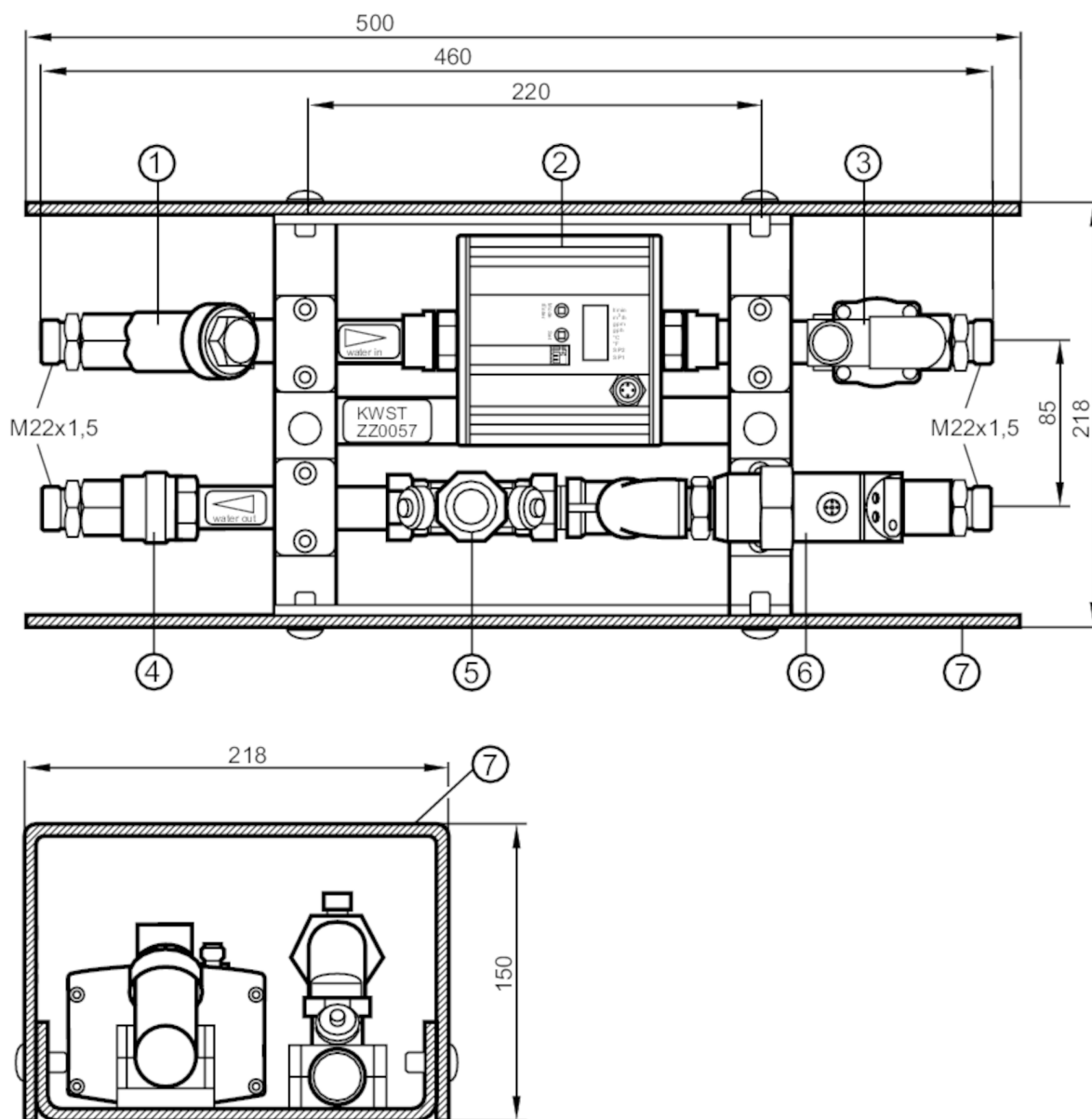


Weld water cooling water flow loops

KWST WITH BALANCING VALVES

Article to be discontinued

Discontinuation date: 12/31/2025



- 1 filter
- 2 Flow sensor
- 3 water stop valve
- 4 backstop
- 5 regulating valve
- 6 pressure sensor
- 7 Cover plate



Product characteristics

Process connection for welding gun

Process connection

threaded connection M22 x 1,5 external thread



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Process connection for water supply		
Process connection	threaded connection M22 x 1,5 external thread	
Flow monitoring		
Measuring range	[l/min]	0...50
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	water; glycol solutions	
Medium temperature	[°C]	-10...80
Pressure rating	[bar]	10
Components	SU ultrasonic flowmeters for water and oil based media, SU7200	
	Electronic pressure monitor, PN7594	
	filter	
	water stop valve	
	regulating valve	
	backstop	
	Cover plate	
Outputs		
Output signal	switching signal	
Output function	normally open / closed; (configurable)	
Measuring/setting range		
Pressure monitoring		
Measuring range	[bar]	0...10
Flow monitoring		
Measuring range	[l/min]	0...50
Temperature monitoring		
Measuring range	[°C]	-10...80
Operating conditions		
Ambient temperature	[°C]	-10...50
Storage temperature	[°C]	-25...80
Protection	IP 65; (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]	7781.2
Type of mounting	mounting bracket with protective cover	
Dimensions	[mm]	500 x 218 x 150
Material	stainless steel (1.4404 / 316L); PBT-GF20; PC; FKM; PBT +PC-GF30; bronze (2.1096.01); AlMgSi0.5 anodized; PA	

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Materials (wetted parts)	stainless steel (1.4404 / 316L); FKM; PES; NBR; PVDF; Centellen 200; ceramics
Process connection for welding gun	
Process connection	threaded connection M22 x 1,5 external thread
Process connection for water supply	
Process connection	threaded connection M22 x 1,5 external thread
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: 3 x M12; Contacts: gold-plated	