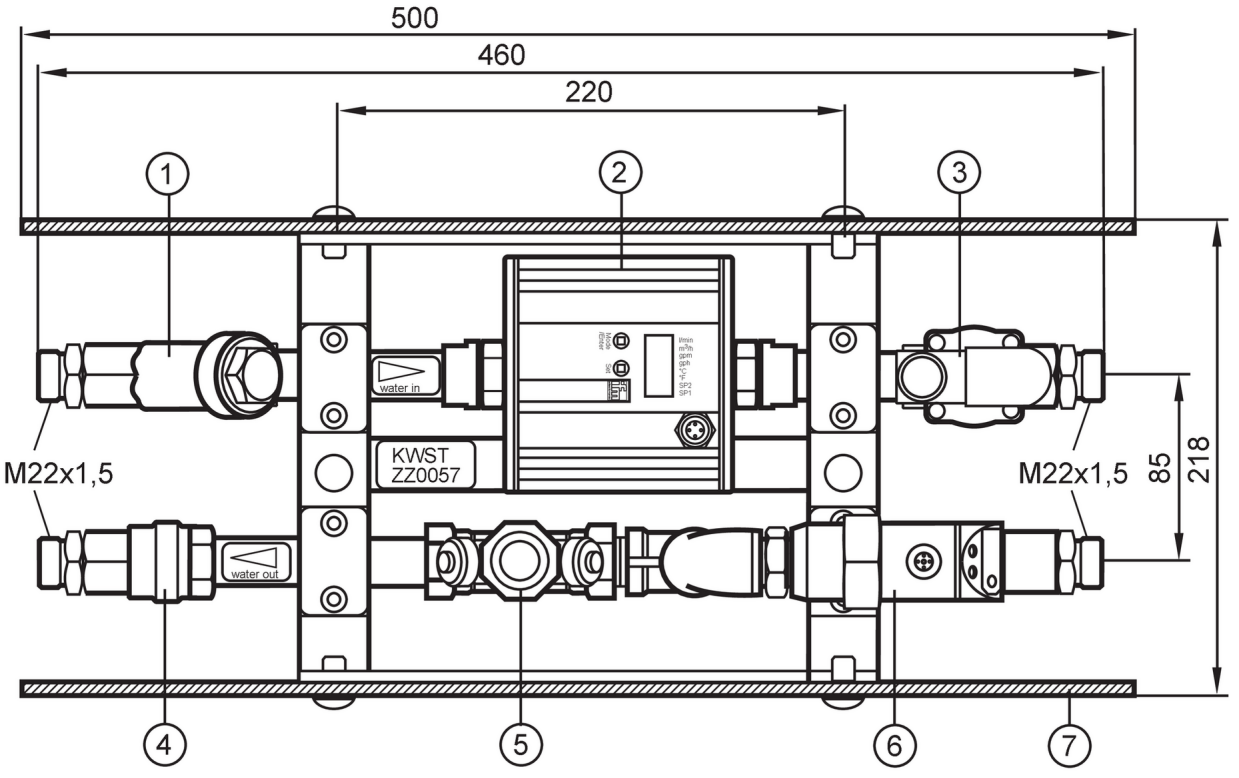
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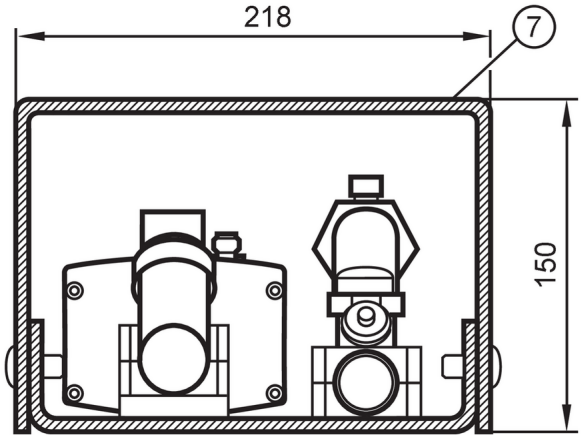
Cooling water control panel

KWST WITH BALANCING VALVES

phase-out article

Discontinuation date: 12/31/2025





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

Product characteristics

Process connection for welding gun	
Process connection	threaded connection M22 x 1,5 external thread

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Cooling water control panel

KWST WITH BALANCING VALVES

Process connection for water supply		
Process connection		threaded connection M22 x 1,5 external thread
Flow monitoring		
Measuring range	[l/min]	0...50
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
Control		manual
Media		water; glycol solutions
Medium temperature	[°C]	-10...80
Pressure rating	[bar]	10
Components		Ultrasonic flow meters, SU7200
		Electronic pressure monitor, PN7594
		filter
		water stop valve
		regulating valve
		backstop
		cover
Outputs		
Output signal		switching signal
Output function		normally open / normally closed; (parameterisable)
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
Materials		stainless steel (316L/1.4404); PBT-GF20; PC; FKM; PBT+PC-GF30; gunmetal (2.1096.01); aluminium alloy anodised AlMgSi0,5; PA

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Cooling water control panel

KWST WITH BALANCING VALVES

Materials (wetted parts)	stainless steel (316L/1.4404); 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