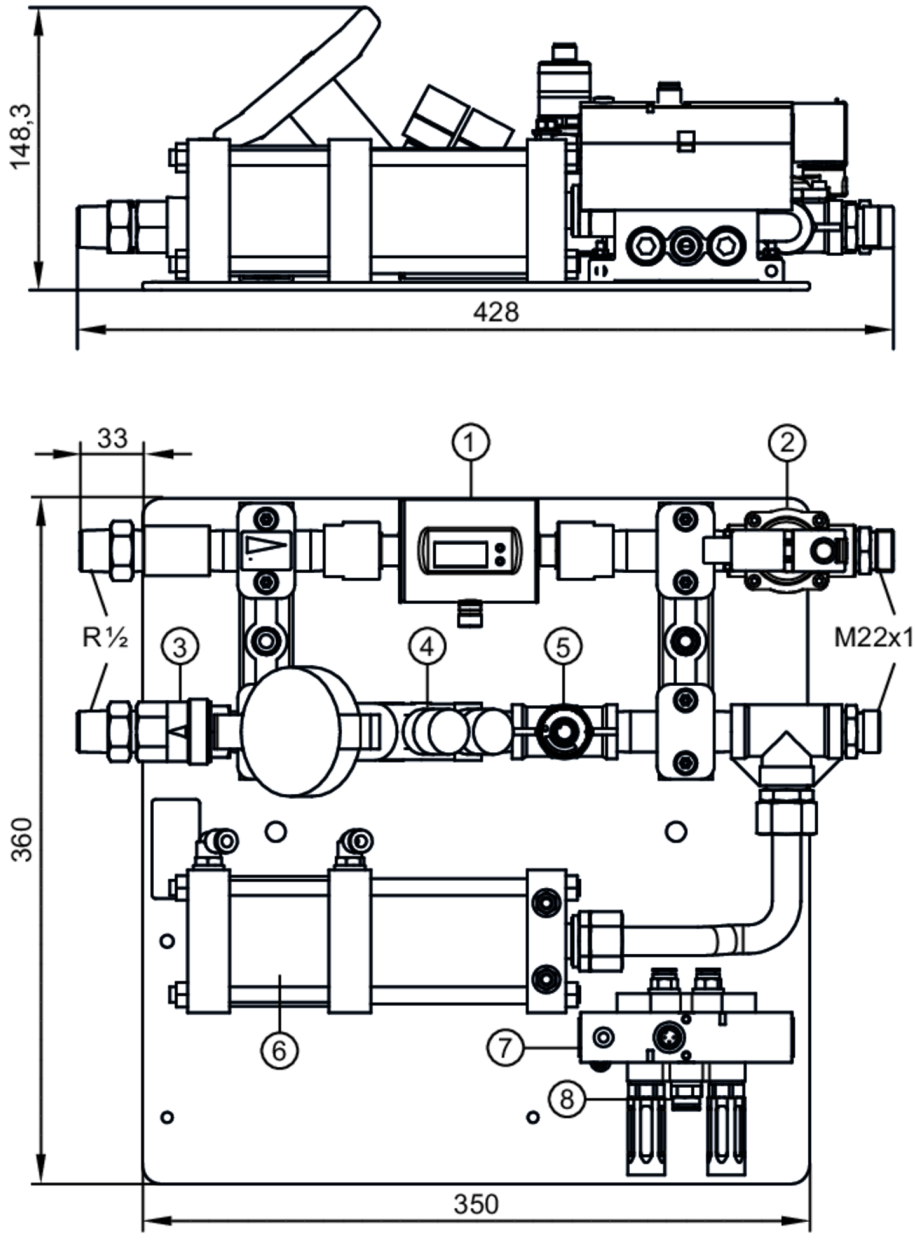
ZZ0432

Cooling water control panel

SUCTION SYSTEM FOR COOLING WATER



1 Magnetic-inductive flow meter
2 water stop valve
3 backstop
4 regulating valve
5 Electronic pressure monitor PK6524
6 Expansion cylinder
7 5/2-way valve
8 tube connection Ø 8 mm

CE UKCA

Product characteristics	
Process connection for welding gun	
Process connection	threaded connection M22 x 1,5 external thread
Process connection for water supply	
Process connection	threaded connection R 1/2 external thread

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SUCTION SYSTEM FOR COOLING WATER

Flow monitoring			
Measuring range	[l/min]	0.1...25	
Application			
Special feature		Gold-plated contacts	
Application		Industrial applications / factory automation; cooling water control; cooling water extraction	
Installation		connection to pipe by means of an adapter; tube connection	
Measuring parameters		flow; temperature; pressure; totaliser	
Control		manual	
Media		conductive liquids; hydrous media; glycol solutions	
Medium temperature	[°C]	-10...70	
Pressure rating		10 bar	1 MPa
Volume expansion cylinder	[ml]	99.75	
Components		Magnetic-inductive flow meter, SM6000	
		Electronic pressure monitor, PK6524	
		water stop valve	
		regulating valve	
		backstop	
		expansion cylinder	
		5/2-way valve	
Outputs			
Output signal		switching signal; analogue signal; pulse signal; IO-Link	
Output function		normally open / normally closed; (parameterisable)	
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	
Response times			
Risk time (response time for safety-related faults)	[ms]	500	
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]	8702.8	
Type of mounting		with mounting plate	
Materials		stainless steel (316L/1.4404); PBT-GF20; PC; FKM; TPE; PBT; gunmetal (2.1096.01)	

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Materials (wetted parts)	stainless steel (316L/1.4404); PEEK; FKM; NBR; PVDF; PTFE
Process connection for welding gun	
Process connection	threaded connection M22 x 1,5 external thread
Process connection for water supply	
Process connection	threaded connection R 1/2 external thread

Remarks

Pack quantity	1 pcs.

Electrical connection

Connector: 4 x M12; Contacts: gold-plated