multiFlow compact 180

The multiple distributor system is fully integrated within the control system of the temperature control unit. Each circuit is configured and monitored separately. Not suitable for harsh environmental conditions, such as: die casting.

- Compact four-way distributor on the temperature control unit or on the machine
- Fully integrated within the control system of the temperature control unit
- Saves costs and energy as fewer temperature control units are required
- Four-way distributor for temperatures up to 180 °C with manual ball valves
- Up to max. 4 x 4 temperature control circuits per TCU are feasible
- Allows the use of the full flow rate with full pump output in parallel-connected temperature control circuits
- Eliminates the risk of calcification or blockage in one of the circuits from affecting all the others



Technical specifications

Outlet temperature	Heat transfer medium	Number of channels	Flow measurements per channel (Typ)	Connections	
180 °C	Water	4 - 8	3 - 30 (F181) l/min	G3/4"	G1/2"

Technical data

Heat transfer medium		Water	
Outlet temperature			
max.	°C	180	
Number of channels		4 - 8	
Sensors			
Flow measurement per channel (Typ)	l/min	3 - 30 (F181)	
Temperature measurement per channel		PT100	
Models			
Cooling channels		4	8
Control system		RT100 / RT200	
Operating voltage	V/Hz	24V DC	
Connections			
Main connection temperature control unit		G3/4"	
Outlets to consumer		G1/2"	
Dimensions W/H/D			
manual	mm	237/120/590	463/120/590
Color	RAL	7016	
Ambient temperature			
max.	°C	40	
Noise level	db (A)	--	

Standard equipment

- Profinet interface connection to temperature control unit

Options

- Flow meter F181 and MF180 (up to 180°C)
- Ball valve (manual setting)
- Stand-alone with control system RT200

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