

multiPulse 160

Pulsed temperature control for complexe production processes, individually usable, with precise temperature control. Suitable for 16 tempering circuits per temperature control unit.

- Water distribution system up to 160 °C
- 4 to 16 cooling channels per temperature control unit
- Flow per channel 1 l/min-40 l/min
- Siemens SPS controlled control system with touchscreen
- Integrated volume flow and temperature measurement per channel



Technical specifications

Outlet temperature	Heat transfer medium	Number of channels	Flow measurements per channel (Typ)		Connections	
160 °C	Water	4 - 16	1 - 18 (VFS) l/min	2 - 40 (VFS) l/min	G1 1/2" 60° Cone	G1/2" 60° Cone

Technical data

Outlet temperature			
max.	°C	160	
Heat transfer medium		Water	
Number of channels		4 - 16	
Sensors			
Flow measurement per channel (Typ)	l/min	1 - 18 (VFS)	2 - 40 (VFS)
Temperature measurement per channel		PT100	
Models			
Cooling channels		4 / 6 / 8 / 10 / 12 / 14 / 16	
Direction of outgoing channels		to the right or the left	
Housing			
without housing		IP44	
with housing		IP45	
Interface connection TCU			
Cable length	m	2	5 10
Control system		SPS	
Operation		Touch 9"	
Operating voltage	V/Hz	24V DC	
Connections			
Main connection temperature control unit		G1 1/2" 60° Cone	
Outlets to consumer		G1/2" 60° Cone	
Dimensions W/H/D			
without housing (4-fold and 16-fold)	mm	445/190/301	445/190/898
with housing (4-fold and 16-fold)	mm	425/236/348	425/236/948
Color	RAL	7016	
Ambient temperature			
max.	°C	40	
Noise level	db (A)	--	

Standard equipment

- Profinet interface connection to temperature control unit

Options

- Bypass
- Blow out
- Main connection temperature control unit: G1" 60° Cone, G3/4" 60° Cone, G11/4" IG
- Outlets (right or left): G1/2" IG, M22x1.5 (15l)

Representation Switzerland

Injection Molding, Die Casting, other Applications

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