

Data Centers – Direct Liquid Cooling

Enquiry Sheet for In-Rack Manifold

Page 1/2

General project information

Project name					
Customer					
Expected delivery date					
Project location					

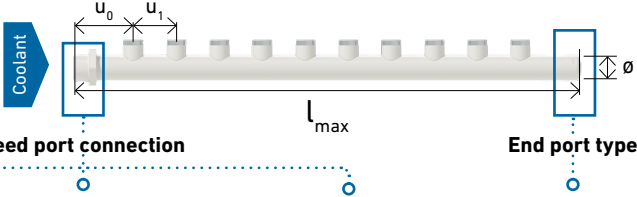
Rack information

No. of racks					
No. of manifolds/rack	2	Other:			
Rack density [kW]					
Rack height	42 U	48 U	50 U	52 U	Other:
Installation configuration	Single	Double			

Operating conditions

Medium					
Material safety data sheet (MSDS) attached?	Yes	No			
Working pressure range [bar]	Min.:				Max.:
Working temperature range [°C]	Min.:				Max.:
Required flow per outlet port [l/min]					
Targeted temperature difference	≈ 10 °C (GF's recommendation)		Other:		
(Inlet/Outlet manifold)					

Manifold design



Type
Please select your required connection type.

QC7

NPT

BSPP

Sanitary adaptor

Other

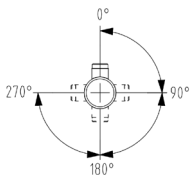
Geometry
Please select your desired connection geometry.

Straight

Bend 90°

Other

Bend orientation
If applicable, please select your desired connection orientation.



Type
Please select your desired end port type.

End cap

Deventing valve

Draining port

Other

Feed orientation

Top feed



Bottom feed



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Page 2/2

Geometric requirements

Maximum manifold length l_{max} [mm]			
Maximum construction space [mm]	Width:		Depth:
Outer diameter d	GF's recommendation (based on rack power and flow)		Customer specified:
Quick disconnect type	Parker	Danfoss	Stäubli
	CPC	CEJN	Other:
Quick disconnect nominal diameter (DN)	03	06	07
	10	Other:	
Quick disconnect thread connection			
No. of outlet ports per manifold			
Constant distance u₁ between ports	Yes	No	
If yes, please specify u ₀ and u ₁ [mm]	u ₀ :	u ₁ :	
If no, please attach a drawing			
Further specific requirements			

Process



Your contact

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