Application Checklist for Evaluation of FOCUS-1 Fit

CUSTOMER NAME	
CUSTOMER COUNTRY	
TAG NUMBER	

PROCESS MEDIA	Is process media liquid?	Yes ◉	No ○
	Process media name		
	Service		
	Any solids in stream?	Yes ○	No ○
	Any gas content in stream?	Yes ○	No ○
	NACE requirements	Yes ○	No ○
	Critical pressure		Bar (g)
	Density		Kg/m3
	Viscosity	cST	(Max. limit 100 cST)

PROCESS CONDITIONS	Process parameters		Units	Minimum	Normal	Maximum
	Flowrate	**Q**	m3/hr			
	Inlet pressure	**P1**	Bar (g)			
	Pressure drop	**ΔP**	Bar			
	Outlet pressure	**P2**	Bar (g)			
	Inlet temperature	**T1**	°C			
	Vapour pressure		Bar (a)			
	Shut off pressure		Bar (g)			
	Design pressure		Bar (g)			
	Design temperature		°C			

ADDITIONAL COMMENTS	

Line inlet size	inch / DN		Schedule	
Line outlet size	inch / DN		Schedule	
Existing valve type				
Existing valve size			Actuator type	
Line material			Fail action	
Pressure class			Min/Max pressure supply (Bar g)	
Seat leakage (Class IV/V)			Input Control signal	4-20mA

Pneumatic connections	1/4" NPT	Inlet run	4D
Is there any insulation?		Outlet run	4D
Is there any heat tracing?		Explosion protection	Non-Ex

Is there a flowmeter upstream or downstream of the valve?	Yes ○ No ○
Are there any critical points?	Yes ○ No ○
Cavitation	☐
Noise	☐
Vibration	☐
Other	

What would you like to know about?	Device diagnostics ☐	Process issues ☐	Process values ☐
What is most important for this particular process?	Flow control ☐ Temperature control ☐	Pressure drop ☐ Flow characteristics ☐	Pressure control at outlet ☐
Communication protocol required?	PROFINET® ○	HART COMMUNICATION PROTOCOL ○	
Ambient temperature conditions in °C (Min/Max)			
Location of the FOCUS-1 device?	Above 2 meters from the ground		
Indoor or outdoor application?	Outdoor		
What power supply is available?	24V DC ○	230V AC ○	