

SMALL LINE SANITARY ELBOW THERMOWELL

Small lines create a hard to solve temperature challenge -- how do I get my sensor immersed far enough into the process to take an accurate measurement? And how do I keep it from acting like a plug in the line once it is there? The Answer: A small line sanitary elbow thermowell from JMS. Designed specifically for 1/2" and 3/4" line size, JMS's small line sanitary elbow thermowell solves these problems by incorporating process tube outlet and inside dimensions that are trunked down from a larger body housing the thermowell. The thermowell tip can be configured concentric in the line or clocked eccentrically to ensure gravity drainability specific to your line slope.

#1	DESCRIPTION									
5A	Small Line Sanitary Elbow Thermowell									
	#2	ELBOW TUBE SIZE								
	P	1/2" Elbow	O	3/4" Elbow	X	Other, specify.				
	#3	PROBE ORIENTATION TO INLET See Small Line Sanitary Elbow Installation & Orientation Detail for Additional Information								
	N	Eccentric at noon position			9	Eccentric at 9 o'clock position				
	3	Eccentric at 3 o'clock position			C	Concentric				
	6	Eccentric at 6 o'clock position			X	Other, specify.				
	#4	MATERIAL								
	L	316L Stainless Steel (std - ASME BPE Composition Compliant)				R	AL6XN			
	D	Hastelloy C-22				X	Other, specify			
	Q	Hastelloy C-276								
	#5	PROCESS CONNECTION MUST CHOOSE 1				SENSOR CONNECTION MUST CHOOSE 1				
	1	Hygienic Ferrule -- Inlet & Outlet				N	1/2" NPTF Threaded (std)			
	2	Weld Ends -- Inlet & Outlet				T5	1/2" Hygienic Ferrule			
	3	Hygienic Ferrule Inlet & Weld End Outlet				T15	1-1/2" Hygienic Ferrule			
	4	Weld End Inlet & Hygienic Ferrule Outlet				X	Other, specify			
	X	Other, specify								
	#6	BORE DEPTH 0.260" ID x 0.375" OD (MATCHING SENSOR LENGTH)								
	B	2.5"			D	6"				
	C	4.5"			E	4"				
	S	Length in Inches			X	Other, specify bore ID, OD and bore depth in inches.				
	#7	WETTED SURFACE FINISH (Add E prefix for Electropolish, ex: ER20)								
	R32	32 Ra mech finish max				R15	15 Ra mech finish max			
	R25	25 Ra mech finish max				X	Other, specify			
	R20	20 Ra mech finish max								
	#8	EXTERNAL SURFACE FINISH (Add E prefix for Electropolish, ex: ER32)								
	R32	32 Ra mech finish max				R15	15 Ra mech finish max			
	R25	25 Ra mech finish max				X	Other, specify			
	R20	20 Ra mech finish max								

Optional Hygienic Ferrule Process Connection

0.312"

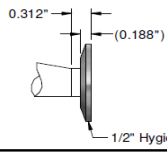
(0.188")

1/2" Hygienic Ferrule

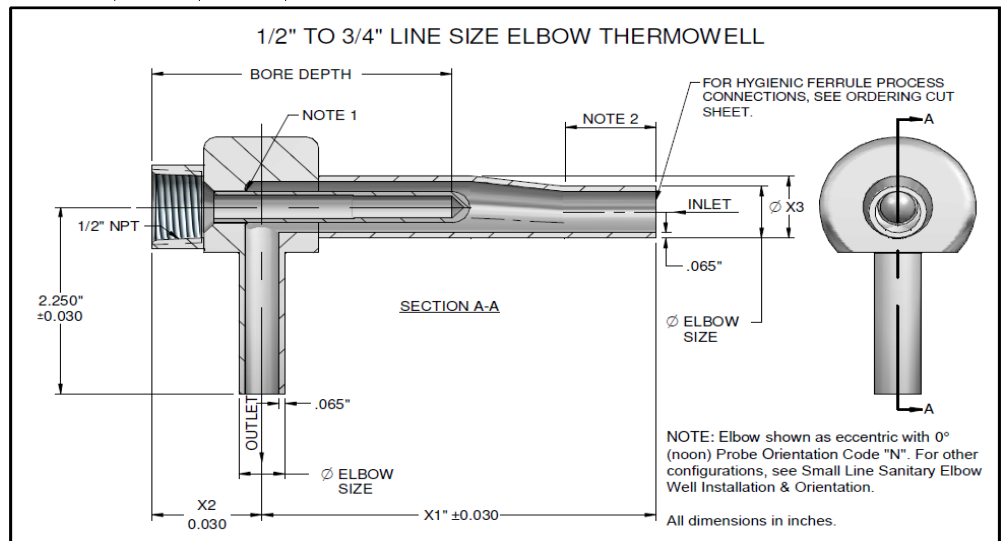
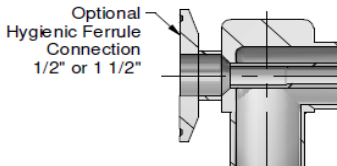
Optional Hygienic Ferrule Sensor Connection

Optional Hygienic Ferrule Connection
1/2" or 1 1/2"

Optional Hygienic Ferrule Process Connection



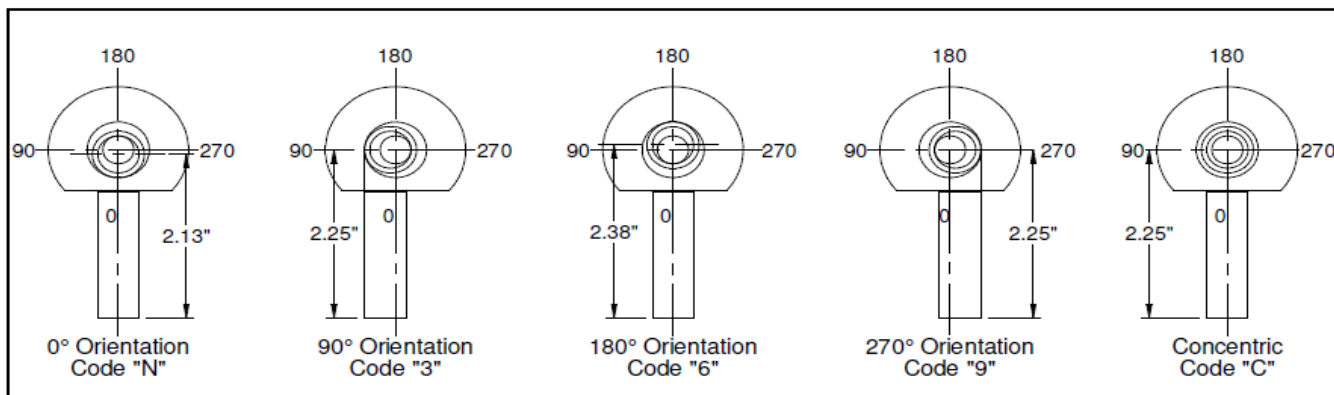
Optional Hygienic Ferrule Sensor Connection



5A	P	C	L	2N	C	R25	R32
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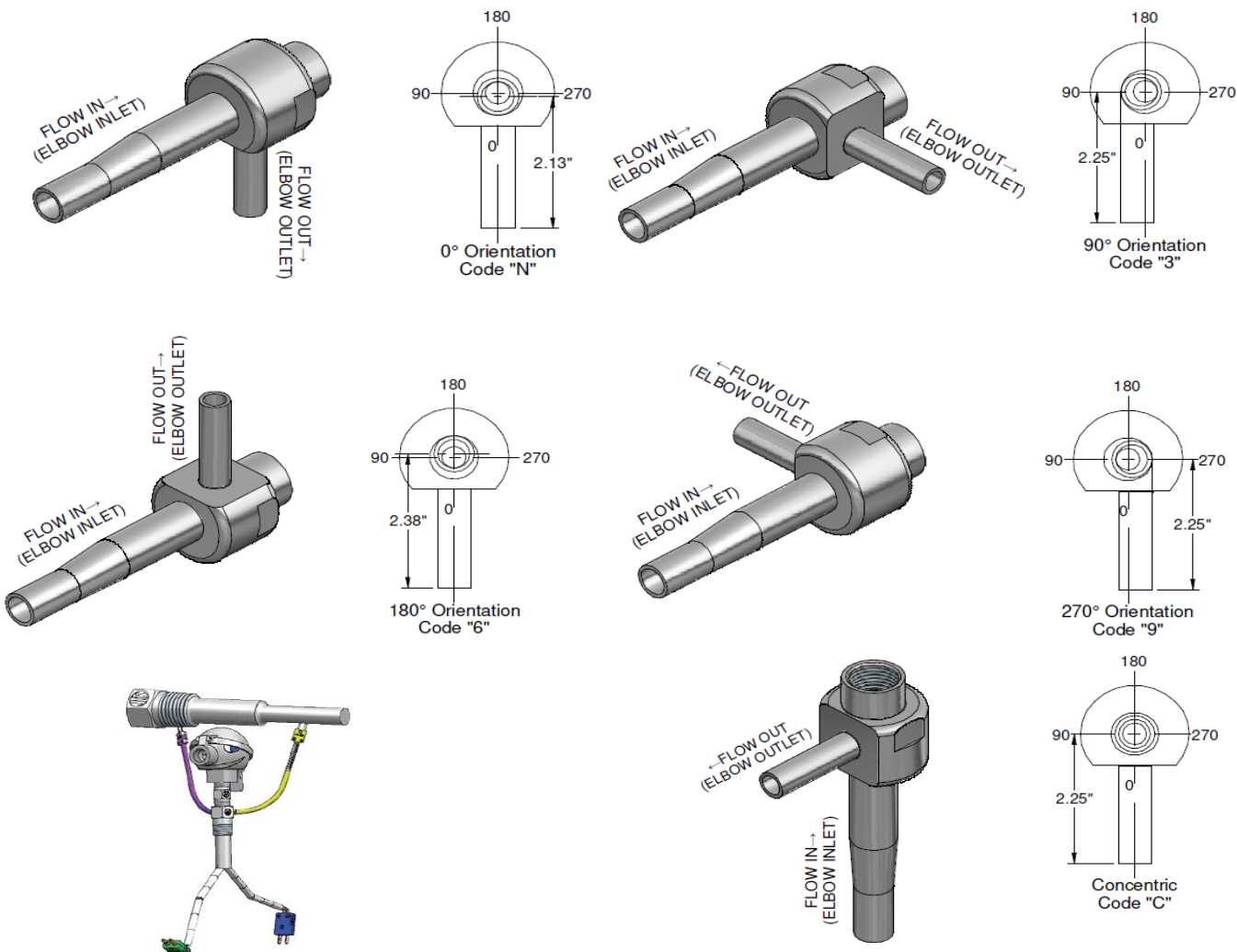
SMALL LINE SANITARY ELBOW WELL

Probe Orientation To Inlet



1/2" and 3/4" Elbow Installation Positions & Corresponding Optimal Probe Orientation To Inlet

(In all cases, sufficient line slope must be maintained to ensure gravity drainability.)



Coming soon -- Configure online!!