



"A" IS THE LEVEL AT WHICH SINGLE (OR LOWER STAGE) OPERATES ON LEVEL RISE.

"B" IS THE OPERATING DIFFERENTIAL SINGLE (OR LOW STAGE) - DROP IN LEVEL TO RESTORE SWITCH TO ORIGINAL POSITION.

"C" IS THE LEVEL AT WHICH THE UPPER STAGE OPERATES ON LEVEL RISE.

"D" IS THE OPERATING DIFFERENTIAL OF UPPER STAGE - DROP IN LEVEL TO RESTORE SWITCH TO POSITION.

"E" - THE INCREASE OF LEVEL ABOVE "A" TO OPERATE UPPER STAGE.

REPEATABILITY ± 1/4" (6.4 MM)

Switch Level Change
Single Stage Operation

	SP GR	A*	B	A**	B	C	D	E	ORDERING CODE
Min SP GR 0.60 600 psi (41 bar) @ 100° F (38 C); 550 psi (38 bar) @ 475° F (246 C)	1.0	6-3/4" [171mm]	3/4" [19mm]	5-3/4" [146mm]	3/4" [19mm]	7-3/4" [197mm]	1" [25.4mm]	2" [51mm]	C1-60
	0.6	7-1/2" [191mm]	1" [25.4mm]	6-1/2" [165mm]	1" [25.4mm]	9" [229mm]	1-3/4" [44mm]	2-1/2" [64mm]	
Min SP GR 0.75 1000 psi (69 bar) @ 100° F (38 C); 850 psi (59 bar) @ 475° F (246 C)	1.0	7-1/4" [185mm]	3/4" [19mm]	6-1/4" [159mm]	3/4" [19mm]	8-1/2" [216mm]	1-1/4" [32mm]	2-1/4" [57mm]	C1-75
	0.75	8" [203mm]	1" [25.4mm]	7" [178mm]	1" [25.4mm]	9-1/2" [241mm]	1-3/4" [44mm]	2-1/2" [64mm]	

Switch Level Change
Two Stage Operation

NO.		CHANGES		DATE		NAME		MATERIAL	
				DWN BY		221 / 223 / 224 SERIES		FINISH	
				CHKD		FLANGED CHAMBER		FR.	
				APPD		LEVEL CONTROL		NO.	
				BY/DATE		ACAD2002		FR. NO.	
						3		Dwyer Instruments, Inc.	
								MICHIGAN CITY, INDIANA 46360 U.S.A.	

Ⓢ = CRITICAL DIMENSION
STANDARD TOLERANCES UNLESS NOTED:
ALL DECIMAL DIMENSIONS ± .005
ALL ANGLES ± 1°

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