



"A" IS THE LEVEL AT WHICH SINGLE (OR LOWER STAGE) OPERATES ON LEVEL RISE.
 "B" IS THE OPERATING DIFFERENTIAL SINGLE (OR LOWER 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 IN LEVEL ABOVE "A" TO OPERATE UPPER STAGE.

REPEATABILITY $\pm 1/4"$ (6.4 MM)

Switch Level Change
Single Stage Operation

SP GR	A*	B	A*	B	C	D	E	ORDERING CODE
Min SP GR 0.40								
1250 psi (86 bar) @ 100° F (38° C);	1.0	1/2" [13mm]	5-3/8" [137mm]	1/2" [13mm]	6-3/8" [162mm]	1/2" [13mm]	1" [25mm]	C1-40
1250 psi (86 bar) @ 500° F (260° C)	0.4	5/8" [16mm]	6-5/16" [160mm]	5/8" [16mm]	7-1/16" [189mm]	5/8" [16mm]	1-1/8" [29mm]	

Switch Level Change
Two Stage Operation

SP GR	A*	B	A*	B	C	D	E	ORDERING CODE
Min SP GR 0.40								
1250 psi (86 bar) @ 100° F (38° C);	1.0	1/2" [13mm]	5-3/8" [137mm]	1/2" [13mm]	6-3/8" [162mm]	1/2" [13mm]	1" [25mm]	C1-40
1250 psi (86 bar) @ 500° F (260° C)	0.4	5/8" [16mm]	6-5/16" [160mm]	5/8" [16mm]	7-1/16" [189mm]	5/8" [16mm]	1-1/8" [29mm]	

*"A" is adjustable $\pm 1"$.

NO.		CHANGES		DATE		NAME		MATERIAL	
				DWN BY		1251 / 1253 / 1254 SERIES		FINISH	
				CHKD		WELDED CHAMBER		FR. NO.	
				APPD		LEVEL CONTROL		Dwyer Instruments, Inc.	
				BY/DATE		ACAD2002		MICHIGAN CITY, INDIANA 46360 U.S.A.	
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Ⓢ = CRITICAL DIMENSION
 STANDARD TOLERANCES UNLESS NOTED:
 ALL DECIMAL DIMENSIONS $\pm .005$
 ALL ANGLES $\pm 1'$