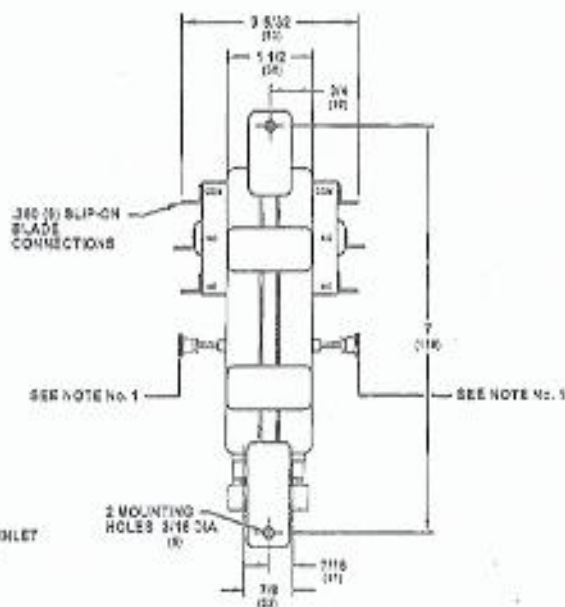
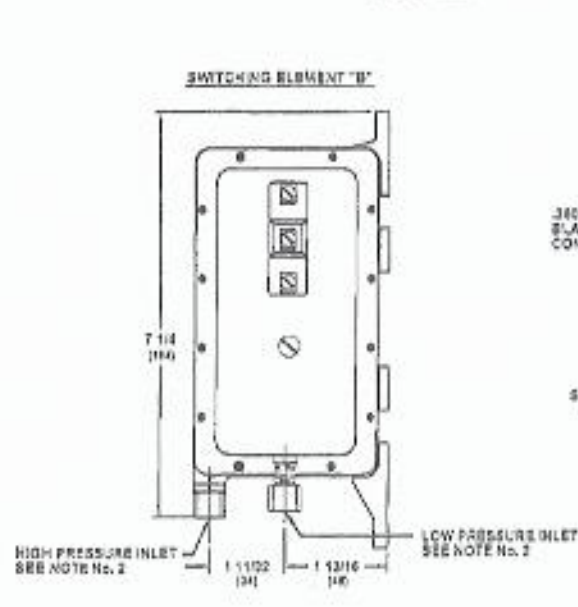


SPECIFICATIONS: SWITCHING ELEMENT "B"

- 1.0 Mounting Position: Diaphragm Vertical (See Diagram Below).
- 2.0 Set Point (Sealed): Factory Set @ $0.15" \pm 0.01"$ i.e. Pressure Fall Vertical Plane.
- 2.1 Field Adjustable: "Operate Range" $.05"$ w.c. to $2.0"$ w.c.
- 2.2 Field Adjustable: "Release Range" $.04"$ w.c. to $1.5"$ w.c.
- 3.0 Approximate Switching Differential: Progressive; increasing from $.02$ to $.01"$ w.c. at Minimum Set Point To Approximately $.5"$ w.c. At Maximum Set Point.
- 4.0 Measured Media: Air
- 5.0 Operating Temperature Range: -40° to 175° F (-40.0° C to 80.0° C).
- 6.0 Life: 100,000 Cycles Minimum At $1/2$ PSI Maximum Pressure Each Cycle And At Maximum Electrical Load.
- 7.0 Electrical Rating:
 - 7.1 300 Va Pilot Duty At 115 to 277 Vac
 - 7.2 15a Non-inductive to 277 Vac
 - 8.0 Contact Arrangement: SPDT
 - 9.0 Position Of Switch Contacts Before Pressure is Applied:

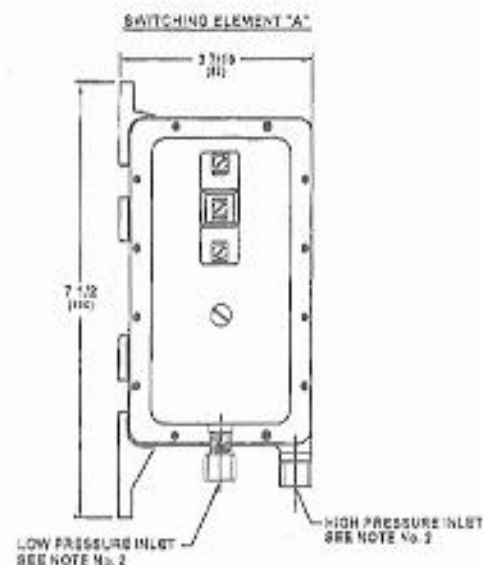


DIMENSIONS
INCHES
(METRIC)



SPECIFICATIONS: SWITCHING ELEMENT "A"

- 1.0 Mounting Position: Diaphragm Vertical (See Diagram Below).
- 2.0 Set Point (Sealed): Factory Set @ $0.30" \pm 0.01"$ i.e. Pressure Fall Vertical Plane.
- 2.1 Field Adjustable: "Operate Range" $.05"$ w.c. to $2.0"$ w.c.
- 2.2 Field Adjustable: "Release Range" $.04"$ w.c. to $1.5"$ w.c.
- 3.0 Approximate Switching Differential: Progressive; increasing from $.02$ to $.01"$ w.c. at Minimum Set Point To Approximately $.5"$ w.c. At Maximum Set Point.
- 4.0 Measured Media: Air
- 5.0 Operating Temperature Range: -40° to 175° F (-40.0° C to 80.0° C).
- 6.0 Life: 100,000 Cycles Minimum At $1/2$ PSI Maximum Pressure Each Cycle And At Maximum Electrical Load.
- 7.0 Electrical Rating:
 - 7.1 300 Va Pilot Duty At 115 to 277 Vac
 - 7.2 15a Non-inductive to 277 Vac
 - 8.0 Contact Arrangement: SPDT
 - 9.0 Position Of Switch Contacts Before Pressure is Applied:



NOTES:

1. External Adjustment Screw - Sealed
2. Sample Line Connectors, (1) High Pressure and (2) Low Pressure. Complete With Nut and Female Wt' Accept 1/4" OD Taping in Copper, Aluminum or Plastic.
3. Approval or Recognition By: U.L. File #M9212; and C.S.A. File #L18754.

SENSING SWITCH SPECIFICATIONS
CAPTIVE AIR

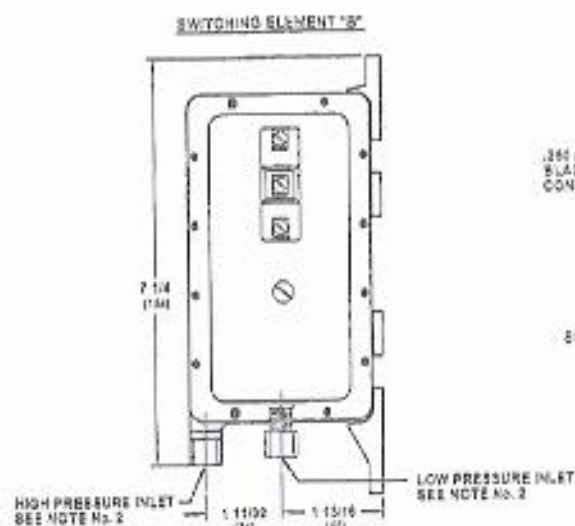
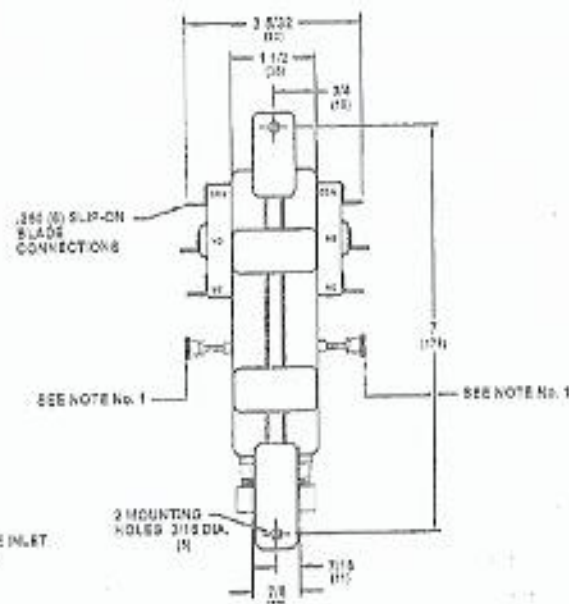
CLEVELAND CONTROLS MODEL: DDP-106-256

REV	DCN No.	DATE	BY	CHKD
DRAWING RELEASE No. 2714				
Rev	DATE	CHKD	Cleveland Controls Division of UniControl Inc.	
RW	3/15/54		1111 Brookpark Rd., Cleveland, Ohio 44109-5025	
CHRD	DATE	SCALE	NO	
			1:1	

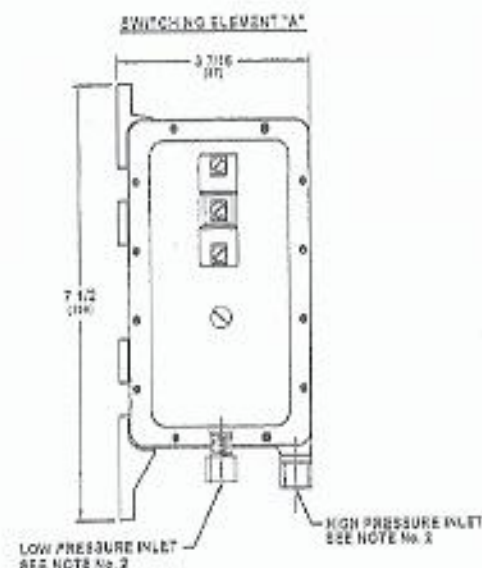
USED ON	SHEET 1 OF 1
B20741-256	REV

SPECIFICATIONS: SWITCHING ELEMENT "B"

- 1.0 Mounting Position: Diaphragm Vertical (See Diagram Below).
- 2.0 Set Point (Sealed): Factory Set @ $0.65" \pm .10"$ w.c. Pressure Rise Vertical Plane.
- 2.1 Field Adjustable: "Operate Range" .55" w.c. to 2.0" w.c.
- 2.2 Field Adjustable: "Release Range" .54" w.c. to 1.9" w.c.
- 3.0 Approximate Switching Differential: Progressive; Increasing From .02 to .01" w.c. at Minimum Set Point To Approximately .1" w.c. At Maximum Set Point.
- 4.0 Measured Media: Air
- 5.0 Operating Temperature Range: -40° to 175° F (-40.0° C to 80.0° C).
- 6.0 Life: 100,000 Cycles Minimum At $1/2$ PSI Maximum Pressure Each Cycle And At Maximum Electrical Load.
- 7.0 Electrical Rating
- 7.1 300 Va Pilot Duty At 115 to 277 Vac
- 7.2 15a Non-Inductive to 277 Vac
- 8.0 Contact Arrangement: SPDT
- 8.1 Position Of Switch Contacts Before Pressure Is Applied:

**DIMENSIONS
INCHES
(METRIC)****SPECIFICATIONS: SWITCHING ELEMENT "A"**

- 1.0 Mounting Position: Diaphragm Vertical (See Diagram Below).
- 2.0 Set Point (Sealed): Factory Set @ $0.65" \pm .10"$ w.c. Pressure Rise Vertical Plane.
- 2.1 Field Adjustable: "Operate Range" .55" w.c. to 2.0" w.c.
- 2.2 Field Adjustable: "Release Range" .54" w.c. to 1.9" w.c.
- 3.0 Approximate Switching Differential: Progressive; Increasing From .02 to .01" w.c. at Minimum Set Point To Approximately .1" w.c. At Maximum Set Point.
- 4.0 Measured Media: Air
- 5.0 Operating Temperature Range: -40° to 175° F (-40.0° C to 80.0° C).
- 6.0 Life: 100,000 Cycles Minimum At $1/2$ PSI Maximum Pressure Each Cycle And At Maximum Electrical Load.
- 7.0 Electrical Rating
- 7.1 300 Va Pilot Duty At 115 to 277 Vac
- 7.2 15a Non-Inductive to 277 Vac
- 8.0 Contact Arrangement: SPDT
- 8.1 Position Of Switch Contacts Before Pressure Is Applied:

**NOTES:**

1. External Adjustment Screw - Sealed
2. Sample Line Connections, (1) High Pressure and (2) Low Pressure, Complete With Nut and Female Will Accept 3/4" OD Tubing Is Copper, Aluminum or Plastic.
3. Approval or Recognition By U.L. File MH6213; and C.S.A. File LR18754.

**SENSING SWITCH SPECIFICATIONS
-CAPTIVE AIR****CLEVELAND CONTROLS MODEL: DDP-106-177**

REV	DATE	BY	CHKD
1	05/15/92	FL	FL
2	05/15/92	FL	FL

CLEVELAND CONTROLS division of UniControl Inc.	US90 09	8-BET 1 OF 1
1111 Brookpark Rd. Cleveland, Ohio 44122-5625	B20741-177	REV 0