



### Introduction:

Available from Drivecon is a new series of pendants ready to do battle in tough industrial environments. All HDPB series pendants are especially suited for indoor or outdoor use. These pendants carry a NEMA rating of 1, 3, 4, 4X, and 13 watertight, dust tight, oil tight, and corrosion resistant. Versatile combination of switch inserts and contact blocks make the Drivecon HDPB series the best option for your equipment. Durable and versatile are 2 key features which make this product a standout in today's workplace. Ergonomic rounded housing makes operating this pendant easy on the operator.

Purchasing and specifying these pendants is a snap. Our catalog is outlined for purchase of standard fully assembled pendants or components to build your own custom pendant. Either way, your pendant will be shipped to you ready for battle in your workplace.

### Features:

- Versatile configuration of 1, 2, 3, 4, and 5 speed pushbutton inserts.
- Heavy duty shock and corrosion resistant enclosure, guaranteed for life to withstand abuse.
- 2-4-6-8-10 button enclosures, plus one bonus space.
- 12-16-20 button duplex configurations available.
- UL - CSA approved
- Threaded conduit entry for cord grip fitting.
- 100G shock resistance. Lifetime enclosure warranty.
- -30°C~+°60C (-13°F to 140°F) operating temperature  
-40°C~+°70C (-40°F to 158°F) storage temperature
- Suitable for indoor or outdoor use NEMA type 1, 3, 4, 4X, and 13 (indoor/outdoor)
- Screw and captive wire clamp terminals - no crimp-on terminals required!
- Wide range of descriptive, easy to read permanently engraved legend plates.
- Available factory pre-wired.
- Highly visible safety yellow color.
- External and internal strain reliefs.

# Pendant Stations

**Complete pendant stations:** All complete HDPB stations are supplied with: cable bushing with mesh cable grip, internal cable clamp, external hanger bracket, cable tie strap, in addition to the switches, enclosure and legends outlined below.

Buttons	Type	Legends	Cable bushing type	Part Number
2	Momentary ON-OFF	POWER: ON-OFF	HDPBCG 01	HDPB2M*
	Momentary single speed	HOIST: UP-DOWN	HDPBCG 01	HDPB2C
	Momentary two speed	HOIST: UP-DOWN	HDPBCG 01	HDPB2D
	Momentary three speed	HOIST: UP-DOWN	HDPBCG 01	HDPB2W
	Momentary four speed	HOIST: UP-DOWN	HDPBCG 01	HDPB2X
	Momentary five speed	HOIST: UP-DOWN	HDPBCG 01	HDPB2Y
4	Momentary ON-OFF single speed	POWER: ON-OFF, HOIST: UP-DOWN	HDPBCG 02	HDPB4MC*
	Momentary ON-OFF two speed	POWER: ON-OFF, HOIST: UP-DOWN	HDPBCG 02	HDPB4MD*
	Momentary ON-OFF three speed	POWER: ON-OFF, HOIST: UP-DOWN	HDPBCG 02	HDPB4MW*
	Momentary ON-OFF four speed	POWER: ON-OFF, HOIST: UP-DOWN	HDPBCG 02	HDPB4MX*
	Momentary ON-OFF five speed	POWER: ON-OFF, HOIST: UP-DOWN	HDPBCG 02	HDPB4MY*
	All single speed (x2)	HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 02	HDPB4C
	All two speed (x2)	HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 02	HDPB4D
	All three speed (x2)	HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 02	HDPB4W
6	Momentary ON-OFF single speed (x2)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 04	HDPB6MC*
	Momentary ON-OFF two speed (x2)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 04	HDPB6MD*
	Momentary ON-OFF three speed (x2)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 04	HDPB6MW*
	Momentary ON-OFF four speed (x2)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 04	HDPB6MX*
	Momentary ON-OFF five speed (x2)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD-REV	HDPBCG 04	HDPB6MY*
	All single speed (x3)	HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 04	HDPB6C
	All two speed (x3)	HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 04	HDPB6D
	All three speed (x3)	HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 04	HDPB6W
8	Momentary ON-OFF single speed (x3)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8MC*
	Momentary ON-OFF two speed (x3)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8MD*
	Momentary ON-OFF three speed (x3)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8MW*
	Momentary ON-OFF four speed (x3)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8MX*
	Momentary ON-OFF five speed (x3)	POWER: ON-OFF, HOIST: UP-DOWN, TROLLEY: FWD REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8MY*
	All single speed (x4)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8C
	All two speed (x4)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8D
	All three speed (x4)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 07	HDPB8W
10	Momentary ON-OFF single speed (x4)	POWER: ON-OFF, MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 08	HDPB10MC*
	Momentary ON-OFF two speed (x4)	POWER: ON-OFF, MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 08	HDPB10MD*
	Momentary ON-OFF three speed (x4)	POWER: ON-OFF, MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 08	HDPB10MW*
	Momentary ON-OFF four speed (x4)	POWER: ON-OFF, MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 08	HDPB10MX*
	Momentary ON-OFF five speed (x4)	POWER: ON-OFF, MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV	HDPBCG 08	HDPB10MY*
	All single speed (x5)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV, GRAB: OPEN-CLOSE	HDPBCG 08	HDPB10C
	All two speed (x5)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV, GRAB: OPEN-CLOSE	HDPBCG 08	HDPB10D
	All three speed (x5)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV, GRAB: OPEN-CLOSE	HDPBCG 08	HDPB10W
All four speed (x5)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV, GRAB: OPEN-CLOSE	HDPBCG 08	HDPB10X	
All five speed (x5)	MAIN HOIST: UP-DOWN, AUX HOIST: UP-DOWN, TROLLEY: FWD-REV, BRIDGE: FWD-REV, GRAB: OPEN-CLOSE	HDPBCG 08	HDPB10Y	

\* Substitute L for maintained ON-OFF, E for mushroom ON-OFF with blank spacer.  
 Note: unless specified at time of order, Bridge and Trolley will be labeled FWD-REV

# Pendant Stations

## Individual Components:

### A) Housings

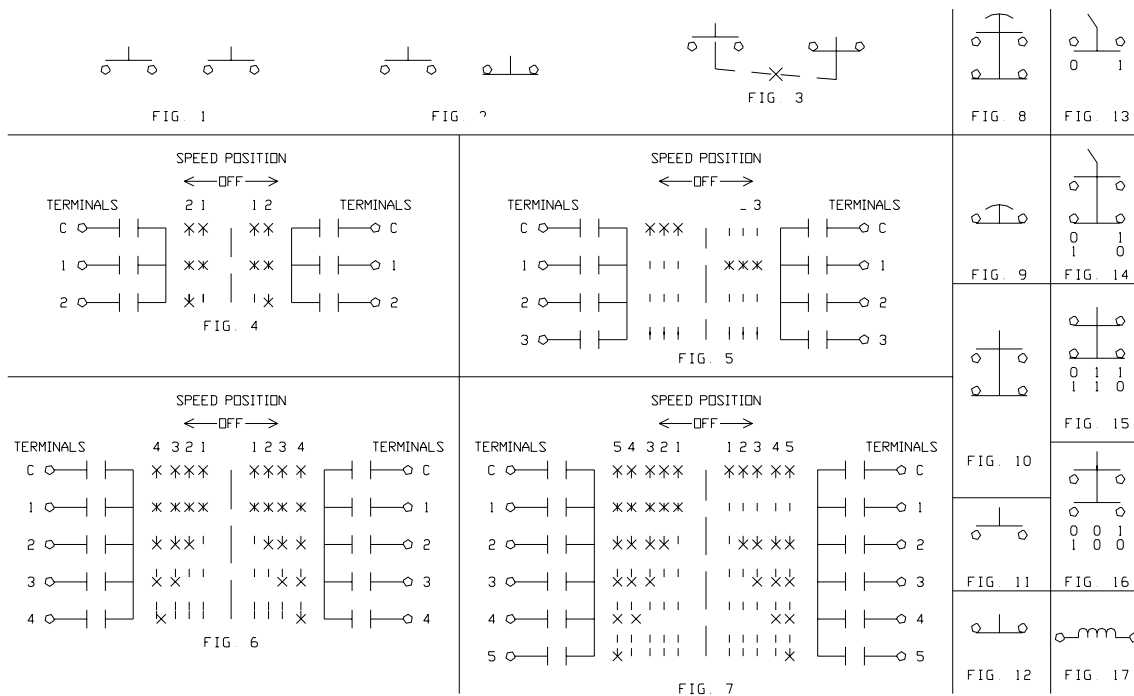
Select the housing with the number of holes to suit your needs. All include mounting plate, internal cable clamp, external stainless steel hangar, and cable tie strap. Safety yellow color.

\* Denotes duplex configuration.

Holes	Conduit entrance size	Part Number
2	3/4" - 14 NPT	HDPBCA 02
4	3/4" - 14 NPT	HDPBCA 04
6	1" - 14 NPT	HDPBCA 06
8	1 1/4" - 11 1/2 NPT	HDPBCA 08
10	1 1/4" - 11 1/2 NPT	HDPBCA 10
12	1 1/2" - 11 1/2 NPT	HDPBCA 12*
16	1 1/2" - 11 1/2 NPT	HDPBCA 16*
20	1 1/2" - 11 1/2 NPT	HDPBCA 20*

### B) Pushbutton units

Pushbutton units			
Number of buttons per unit	Description	Wiring Diagram	Catalog Number
2	Single speed - Momentary interlocked	Fig. 1	HDPBC
2	ON-OFF - Momentary Non-interlocked	Fig. 2	HDPBM
2	ON-OFF - Maintained interlocked	Fig. 3	HDPBL
2	Two speed - Momentary interlocked	Fig. 4	HDPBD
2	Three speed - Momentary interlocked	Fig. 5	HDPBW
2	Four speed - Momentary interlocked	Fig. 6	HDPBX
2	Five speed - Momentary interlocked	Fig. 7	HDPBY



# Pendant Stations

## C) Optional operators

Momentary pushbutton operator (non-illuminated)			
Number of buttons per unit	Description	Color	Catalog Number
1	Flush operator with 1 N.O. and 1 N.C. contact. Substitute E for extended head, G for guarded head. (See Fig. 10)	Black	HDPBI 11BF
		Red	HDPBI 11RF
		Green	HDPBI 11GF
1	Flush operator with 1 N.O. contact. Substitute E for extended head, G for guarded head. (See Fig. 11)	Black	HDPBI 10BF
		Red	HDPBI 10RF
		Green	HDPBI 10GF
1	Flush operator with 1 N.C. contact. Substitute E for extended head, G for guarded head. (See Fig. 12)	Black	HDPBI 01BF
		Red	HDPBI 01RF
		Green	HDPBI 01GF
Mushroom head switch. Push in / pull out			
Number of buttons per unit	Description	Color	Catalog Number
1	1 3/8" Mushroom head, momentary. 1 N.O., 1 N.C. contact. (See Fig. 8)	Red	HDPBE11
1	1 3/8" Mushroom head, momentary. 1 N.C. contact. (See Fig. 9)	Red	HDPBE01
Selector switch. Maintained and spring return.			
Number of buttons per unit	Description	Knob color choices	Catalog Number - color
1	Selector switch / 2 position - maintained. 1 N.O. contact. (See Fig. 13)	Black, Red, Green, Yellow, Orange, Blue, White, Amber, Clear	HDPBS201-(color)
1	Selector switch / 2 position - maintained. 1 N.O. and 1 N.C. contact. (See Fig. 14)		HDPBS211-(color)
1	Selector switch / 3 position - maintained . 2 N.C. contacts. (See Fig. 15)		HDPBS302-(color)
1	Selector switch / 3 position - maintained . 2 N.O. contacts. (See Fig. 16)		HDPBS320-(color)
1	Selector switch / 2 position - spring return to right. (See Fig. 13)		HDPBSR201-(color)
1	Selector switch / 2 position - spring return to left. (See Fig. 13)		HDPBSL201-(color)
1	Selector switch / 3 position - spring return to center. 2 N.C. contacts. (See Fig. 15)		HDPBSC302-(color)
1	Selector switch / 3 position - spring return to center. 2 N.O. contacts. (See Fig. 16)		HDPBSC320-(color)
Pilot light components			
Number of buttons per unit	Description	Color choices	Catalog Number - color
1	Standard pilot light with plastic domed cap. 110-120V, 50-60Hz transformer. (See Fig. 17)	Red, Green, Yellow, Blue, White, Amber, Clear	HDPBG110-(color)
1	Standard pilot light with plastic domed cap. 220-240V, 50-60Hz transformer. (See Fig. 17)		HDPBG220-(color)
1	Standard pilot light with plastic domed cap. 24-28Vac-dc, 50-60Hz full voltage. (See Fig. 17)		HDPBG24-(color)
Potentiometer (with dial plate)			
Number of buttons per unit	Ohms	Watts	Catalog Number
1	1K	2	HDPBP1
1	5K	2	HDPBP5
1	10K	2	HDPBP10
Toggle switch			
Number of buttons per unit	Description	Catalog Number	
1	2 position maintained. (See Fig. 13)	HDPBT210	
1	2 position spring return. (See Fig. 13)	HDPBTR210	
1	3 position maintained. (See Fig. 16)	HDPBT320	
1	3 position spring return. (See Fig. 16)	HDPBTR320	
Miscellaneous			
1	Blank hole plug	HDPBH	

# Pendant Stations

## D) Legends

PVC standard legend plates		
Text *	Catalog Number	Where used
Blank - Blank	HDPBOL 00	2 button operators
Aux Hoist: Up-Down	HDPBOL 01	
Bridge: East-West	HDPBOL 02	
Bridge: Fwd-Rev	HDPBOL 03	
Bridge: North-South	HDPBOL 04	
Hoist: Up-Down	HDPBOL 05	
Power: On-Off	HDPBOL 06	
Reset-Stop	HDPBOL 07	
Start-Stop	HDPBOL 08	
Trolley: East-West	HDPBOL 09	
Trolley: Fwd-Rev	HDPBOL 10	
Trolley: North-South	HDPBOL 11	
(custom legend. specify marking) **	HDPBOL 12	
Blank	HDPBOL 13	Toggle switch in top space of enclosure
Off-On	HDPBOL 14	
On-Off	HDPBOL 15	
(custom legend. specify marking) **	HDPBOL 16	
Blank	HDPBOL 17	With single hole optional operator in top space of enclosure
1 - Both - 2	HDPBOL 18	
1 - Off - 2	HDPBOL 19	
A - Both - B	HDPBOL 20	
A - Off - B	HDPBOL 21	
CCW / CW	HDPBOL 22	
Creep	HDPBOL 23	
East - Both - West	HDPBOL 24	
Emerg. Stop *	HDPBOL 25	
Fast	HDPBOL 26	
Fast / Slow	HDPBOL 27	
F - Off - R	HDPBOL 28	
Fwd / Rev	HDPBOL 29	
Horn	HDPBOL 30	
Lift / Drop	HDPBOL 31	
Lights	HDPBOL 32	
Main - Both - Aux	HDPBOL 33	
Normal / Creep	HDPBOL 34	
Off	HDPBOL 35	
Off-On	HDPBOL 36	
On	HDPBOL 37	
On - Lights - Off	HDPBOL 38	
Open / Close	HDPBOL 39	
Power On	HDPBOL 40	
Reset	HDPBOL 41	
Run	HDPBOL 42	
Start / Stop	HDPBOL 43	
Up - Off - Down	HDPBOL 44	
(custom legend. specify marking) **	HDPBOL 45	
* All nameplates are yellow with black lettering except "Emergency Stop" which is red with black lettering.		
** Please specify lettering when ordering. 19 characters each side maximum.		

## Pendant Stations

### E) Strain Relief Cable Glands

Strain Relief Cable Glands		
Description	Catalog Number	Use with enclosure type
3/4" - 14 NPT. 3/8"-1/2" cable O.D.	HDPBCG 01	HDPBCA 02 and HDPBCA 04
3/4" - 14 NPT. 1/2"-5/8" cable O.D.	HDPBCG 02	HDPBCA 02 and HDPBCA 04
3/4" - 14 NPT. 5/8"- 3/4" cable O.D.	HDPBCG 03	HDPBCA 02 and HDPBCA 04
1" - 11 1/2 NPT. 5/8"- 3/4" cable O.D.	HDPBCG 04	HDPBCA 06
1" - 11 1/2 NPT. 3/4"- 7/8" cable O.D.	HDPBCG 05	HDPBCA 06
1" - 11 1/2 NPT. 7/8"- 1" cable O.D.	HDPBCG 06	HDPBCA 06
1 1/4" - 11 1/2 NPT. 7/8"- 1" cable O.D.	HDPBCG 07	HDPBCA 08 and HDPBCA 10
1 1/4" - 11 1/2 NPT. 1"- 1 1/8" cable O.D.	HDPBCG 08	HDPBCA 08 and HDPBCA 10
1 1/4" - 11 1/2 NPT. 1 1/8"- 1 1/4" cable O.D.	HDPBCG 09	HDPBCA 08 and HDPBCA 10
1 1/2" - 11 1/2 NPT. 7/8"-1" cable O.D.	HDPBCG 10	HDPBCA 12, HDPBCA 16, and HDPBCA 20
1 1/2" - 11 1/2 NPT. 1"-1 1/8" cable O.D.	HDPBCG 11	HDPBCA 12, HDPBCA 16, and HDPBCA 20
1 1/2" - 11 1/2 NPT. 1 1/8"-1 1/4" cable O.D.	HDPBCG 12	HDPBCA 12, HDPBCA 16, and HDPBCA 20

### F) Options and Accessories

Enclosure accessories	
Description	Catalog Number
Strain relief cable. Stainless steel with nylon cover. (per foot)	HDPBA 08
Strain relief eye anchor kit (eyebolt and hardware)	HDPBA 09
Warning label	HDPBA 16
Warning cable placard for installation on cable.	HDPBA 17

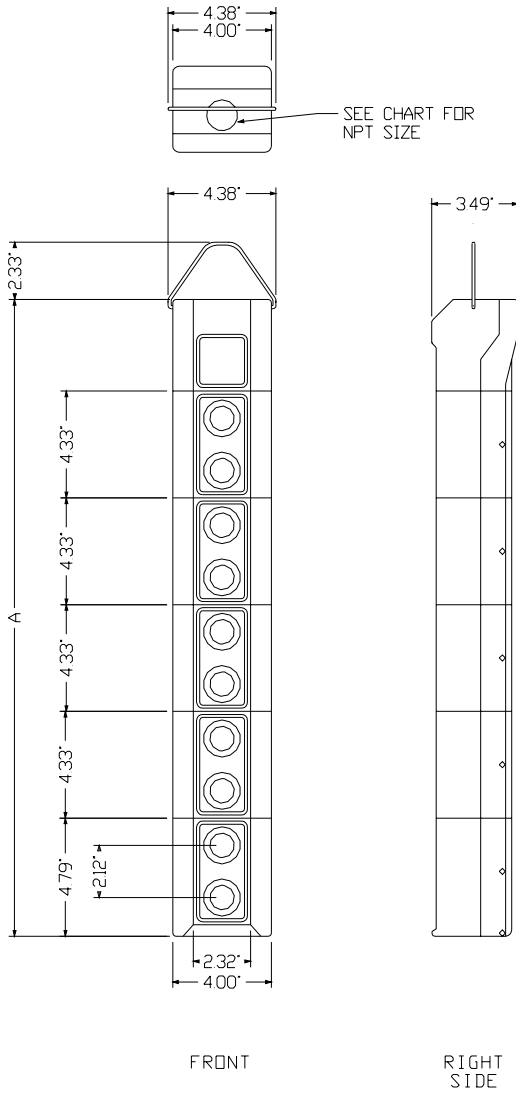
### G) Flexible Pendant Cable

Number of Conductors	Description	Catalog Number
8	Round PVC jacket, yellow, 90°C, 16 AWG. O.D.= .465"	PBRW08
12	Round PVC jacket, yellow, 90°C, 16 AWG. O.D.= .550"	PBRW12
16	Round PVC jacket, yellow, 90°C, 16 AWG. O.D.= .605"	PBRW16
24	Round PVC jacket, yellow, 90°C, 16 AWG. O.D.= .745"	PBRW24
30	Round PVC jacket, yellow, 90°C, 16 AWG. O.D.= .785"	PBRW30
36	Round PVC jacket, yellow, 90°C, 16 AWG. O.D.= .885"	PBRW36
8	Round PVC jacket with 2 external strain relief cords, yellow, 90°C, 16 AWG. O.D.= .465"	PBSW08
12	Round PVC jacket with 2 external strain relief cords, yellow, 90°C, 16 AWG. O.D.= .550"	PBSW12
16	Round PVC jacket with 2 external strain relief cords, yellow, 90°C, 16 AWG. O.D.= .605"	PBSW16
24	Round PVC jacket with 2 external strain relief cords, yellow, 90°C, 16 AWG. O.D.= .745"	PBSW24
3	Round SO Type with single internal strain relief cord, black, 75°C, 16 AWG. O.D.= .56"	PBSW3
5	Round SO Type with single internal strain relief cord, black, 75°C, 16 AWG. O.D.= .56"	PBSW5
7	Round SO Type with single internal strain relief cord, black, 75°C, 16 AWG. O.D.= .62"	PBSW7

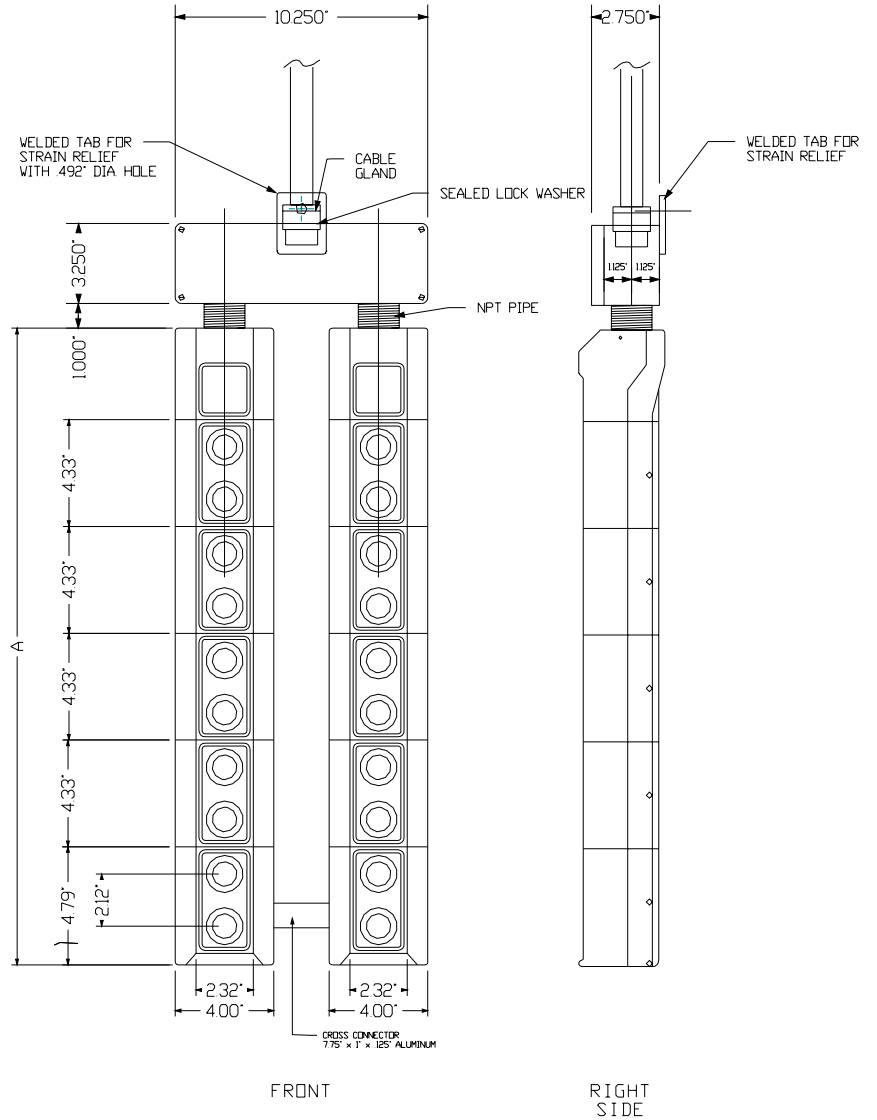
# Pendant Stations

## Dimensions

### Single Pendant



### Duplex Pendant



Number of holes	2		4		6		8		10		12 (duplex pendant)		16 (duplex pendant)		20 (duplex pendant)	
	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm
Dimensions																
A	9.37	238	13.7	348	18.03	458	22.36	568	26.64	678	18.03	458	22.36	568	26.64	678
Conduit opening NPT size	3/4"-14		3/4"-14		1"-11 1/2		1 1/4"-11 1/2		1 1/4"-11 1/2		1 1/2"-11 1/2		1 1/2"-11 1/2		1 1/2"-11 1/2	

All information within is subject to change without notice.