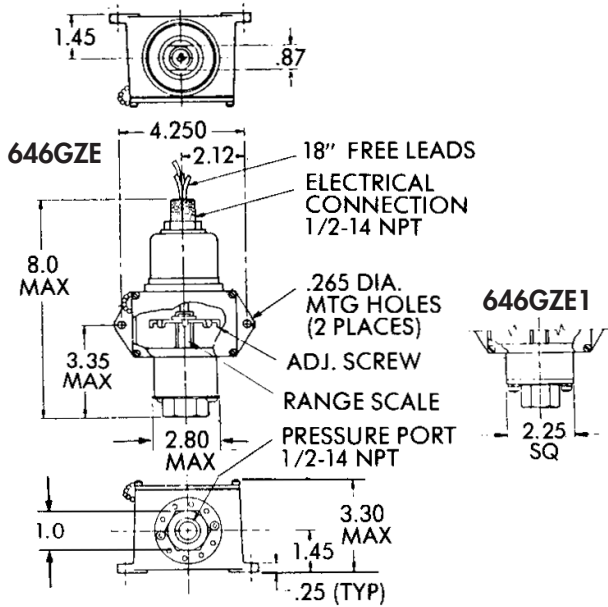


INSTALLATION DRAWING



SHIPPING WT.
APPROX. 56 OZ.
(1587 GRAMS)

Press. **.4 to 5000** psi
Vac. **1.0 to 28.5"** Hg

**SERIES:
646GZE
646GZE-7011
646VZE**

Standard Features:

- U.L. / CSA
- Explosion Proof: Div. 1, 2
- NEMA: 4, 7, 9, 13
- Fire Resistant
- Steel Body

AMBIENT TEMP. RANGE

-30° to 160° F
-34° to 71° C

Options Code:

- "E" Ethylene Propylene O-ring
- "Y" EECS Certified to EXsII T5
- "7008" Gold Contacts
- "7030" Gold Contacts w/SST Diaphragm
- "7044" Monel Port and Diaphragm
- "7045" Hastelloy Port and Diaphragm
- "7065" Teflon Wire w/SST Diaphragm

OPERATING AND ORDERING DATA:

PRESSURE SWITCHES		1/2" STAINLESS STEEL PRESSURE PORT & POLYIMIDE DIAPHRAGM			Wetted Parts	316 SST Polyimide Viton
MODEL 646GZE		Adjustable Set-Point Range		Approx.	MODEL	MODEL
Max Sys. Press. psi	Proof (Test) Press. psi	On Incr. Press. psi	On Decr. Press. psi	Dead- band psi	SPDT-Std.	DPDT "M"
500	750	1.2-16	.4-15.2	.8	646GZE1	646GZEM1
3000	5000	8-75	3-70	5	646GZE2	646GZEM2
3000	5000	20-150	8-138	12	646GZE11	646GZEM11
3000	5000	50-375	22-347	28	646GZE3	646GZEM3
3000	5000	330-1000	265-935	65	646GZE5	646GZEM5
3000	5000	950-2300	775-2125	175	646GZE7	646GZEM7

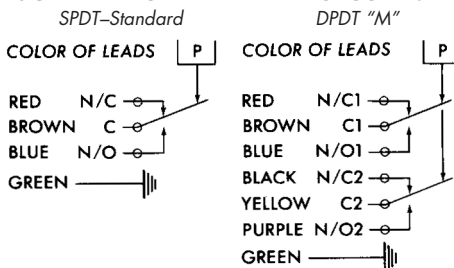
PRESSURE SWITCHES		1/2" STAINLESS STEEL PRESSURE PORT & DIAPHRAGM			Wetted Parts	316 SST Viton
MODEL 646GZE-7011		Adjustable Set-Point Range		Approx.	MODEL	MODEL
Max Sys. Press. psi	Proof (Test) Press. psi	On Incr. Press. psi	On Decr. Press. psi	Dead- band psi	SPDT-Std.	DPDT "M"
500	750	1.4-16	.4-15	1	646GZE1-7011	646GZEM1-7011
3000	5000	10-75	3-68	7	646GZE2-7011	646GZEM2-7011
3000	5000	20-150	6-136	14	646GZE11-7011	646GZEM11-7011
3000	5000	50-375	16-347	34	646GZE3-7011	646GZEM3-7011
3000	5000	330-1000	250-920	80	646GZE5-7011	646GZEM5-7011
3000	5000	950-2300	750-2100	200	646GZE7-7011	646GZEM7-7011
5000	7500	2100-3400	1820-3120	280	646GZE9-7011	646GZEM9-7011
5000	7500	3200-5000	2720-4520	480	646GZE10-7011	646GZEM10-7011

VACUUM SWITCHES		1/2" STAINLESS STEEL PRESSURE PORT & POLYIMIDE DIAPHRAGM			Wetted Parts	316 SST Polyimide Viton
MODEL 646VZE		Adjustable Set-Point Range		Approx.	MODEL	MODEL
Max Sys. Press. psi	Proof (Test) Press. psi	On Incr. Vacuum In. Hg	On Decr. Vacuum In. Hg	Dead- band In. Hg	SPDT-Std.	DPDT "M"
150	250	3.5-28.5	1.0-26.0	2.5	646VZE1	646VZEM1

ELECTRICAL CHARACTERISTICS:
RATING OF SWITCH ELEMENT

VOLTS	AMPERES	
	SPDT	DPDT "M"
125 AC - 50/60 Hz	1.5	5
250 AC - 50/60 Hz	1.5	5
480 AC - 50/60 Hz	1.5	-
125 DC	.4	.5

SCHEMATIC AND WIRING CODE:



ENCLOSURE/CERTIFICATIONS:

Div. 1 explosion-proof and hermetically sealed electrical assembly Part No. 17-51 (17-73 for "M" model option), listed by both Underwriter's Laboratories, Inc. (File No. E32961) and CSA Testing Laboratories (File No. 22921) for hazardous locations, Class 1, Groups A, B, C, and D; Class 2 Groups E, F, and G.

Model 646GZEM1 has an approximate dead band of .9 psi.

HOW TO ORDER: Specify model number, add desired "options" listing letter codes first followed by numbers:
Custom Control Sensors, Inc. • 21111 Plummer Street, Chatsworth, CA 91311 • Tel: (818)341-4610 • Fax: (818)709-0426
e-mail: switchnet@ccsdualsnap.com • http://www.ccsdualsnap.com