

# PRESSURE GAUGES AND SWITCHES



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# Pressure Gauges - Dry



Pressure Gauge

### Pressure Gauge Features:

- Rugged precision made phosphor-bronze Bourdon tube movements assuring maximum accuracy (+/- 3-2-3%) under adverse field conditions.
- **TO BE USED WITH AIR OR WATER ONLY.**
- Manufactured for AGI in an ISO 9001 facility.



CAUTION

### POLYPROPYLENE CASE:

- Bourdon tube movement is totally enclosed in corrosion resistant polypropylene housing, acrylic lens.
- Resists rust, electrolytic action and chemical solvents.
- Brass sockets standard.

### STEEL CASE:

- Deep drawn one piece steel housing encases a quality movement.
- Genuine mar-resistant glass lens and brass socket connections are standard.

ISO 9001



## WARNING

This product can expose you to lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



CAUTION  
DO NOT USE WITH  
POTABLE WATER

This product is designed and intended for use in NON-POTABLE water applications only.

**AMERICAN GRANBY INC.**

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
<b>2" DIAL SIZE, PLASTIC CASE, DRY</b>							
IPPG302-4L	Plastic	0-30#	Pressure	2"	1/4 Lower	100	\$ 6.64
IPPG302-4B	Plastic	0-30#	Pressure	2"	1/4 Back	100	6.64
IPPG602-4L	Plastic	0-60#	Pressure	2"	1/4 Lower	100	6.64
IPPG602-4B	Plastic	0-60#	Pressure	2"	1/4 Back	100	6.64
IPPG1002-4L	Plastic	0-100#	Pressure	2"	1/4 Lower	100	6.64
IPVG302-4L	Plastic	0-30 Hg"	Vacuum	2"	1/4 Lower	100	7.39
<b>2" DIAL SIZE, STEEL CASE, DRY</b>							
IPG152-4L	Steel	0-15#	Pressure	2"	1/4 Lower	100	6.44
IPG302-4L	Steel	0-30#	Pressure	2"	1/4 Lower	100	6.84
IPG302-4B	Steel	0-30#	Pressure	2"	1/4 Back	100	6.84
IPG302-8L	Steel	0-30#	Pressure	2"	1/8 Lower	100	6.84
IPG302-8B	Steel	0-30#	Pressure	2"	1/8 Back	100	6.84
IPG602-4L	Steel	0-60#	Pressure	2"	1/4 Lower	100	6.84
IPG602-4B	Steel	0-60#	Pressure	2"	1/4 Back	100	6.84
IPG602-8L	Steel	0-60#	Pressure	2"	1/8 Lower	100	6.84
IPG1002-4L	Steel	0-100#	Pressure	2"	1/4 Lower	100	6.84
IPG1002-8B	Steel	0-100#	Pressure	2"	1/8 Back	100	6.84

[www.cbsupplies.ca](http://www.cbsupplies.ca)

Phone: (866) 503-5523 Fax: (888) 562-2095

AGI@cbsupplies.ca



# Pressure Gauges - Dry



## WARNING

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For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**CAUTION**  
DO NOT USE WITH  
POTABLE WATER

This product is designed and intended for use in NON-POTABLE water applications only.

**AMERICAN GRANBY INC.**



**CAUTION**

↓ Reduced price - Limited quantities available.

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
<b>2" DIAL SIZE, STEEL CASE, DRY</b>							
IPVG302-4B	Steel	0-30 Hg"	Vacuum	2"	1/4 Back	100	7.39
IPVG302-8L	Steel	0-30 Hg"	Vacuum	2"	1/8 Lower	100	7.39
IPCG3602-4L	Steel	30Hg"/60#	Vacuum/PResure	2"	1/4 Lower	200	7.39
<b>2 1/2" DIAL SIZE, DRY</b>							
IPG3025-4L	Steel	0-30#	Pressure	2 1/2"	1/4 Lower	100	8.71
IPG6025-4L	Steel	0-60#	Pressure	2 1/2"	1/4 Lower	100	8.71
IPG10025-4L	Steel	0-100#	Pressure	2 1/2"	1/4 Lower	50	8.71
IPG16025-4L	Steel	0-160#	Pressure	2 1/2"	1/4 Lower	100	8.71
IPG40025-4L	Steel	0-400#	Pressure	2 1/2"	1/4 Lower	50	8.71
IPVG3025-4L	Plastic	0-30 Hg"	Vacuum	2 1/2"	1/4 Lower	50	8.71
IPCG31025-4L	Steel	30 Hg"/160#	Vacuum/Pressure	2 1/2"	1/4 Lower	50	4.27 ↓
<b>4 1/2" DIAL SIZE, STEEL CASE, DRY</b>							
IPG3045-4L	Steel	0-30#	Pressure	4 1/2"	1/4 Lower	50	18.42
IPG6045-4L	Steel	0-60#	Pressure	4 1/2"	1/4 Lower	50	18.42
IPG10045-4L	Steel	0-100#	Pressure	4 1/2"	1/4 Lower	50	18.42
IPG30045-4L	Steel	0-300#	Pressure	4 1/2"	1/4 Lower	50	10.57 ↓
IPVG3045-4L	Steel	30 Hg"	Vacuum	4 1/2"	1/4 Lower	50	18.42
IPCG36045-4L	Steel	30 Hg"/60#	Vacuum/Pressure	4 1/2"	1/4 Lower	50	18.42
IPCG31045-4L	Steel	30 Hg"/160#	Vacuum/Pressure	4 1/2"	1/4 Lower	50	18.42

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# Pressure Gauges - NO LEAD Dry

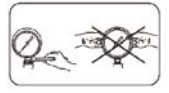


IPPG or IPG Series

**ISO 9001**

## Pressure Gauge Features:

- Rugged precision made phosphor-bronze Bourdon tube movements assuring maximum accuracy (+/- 3-2-3%) under adverse field conditions.
- **TO BE USED WITH AIR OR WATER ONLY.**
- Manufactured for AGI in an ISO 9001 facility.
- Bourdon tube movement is totally enclosed in corrosion resistant housing.
- Resists rust, electrolytic action and chemical solvents.
- **Third party certified to NSF/ANSI 372.** No Lead brass sockets.
- Deep drawn one piece steel or molded plastic housings encase a quality movement.
- Genuine mar-resistant glass or acrylic lens.



CAUTION

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
<b>2" DIAL SIZE, PLASTIC CASE, DRY</b>							
IPPG302-4LNL	Plastic	0-30#	Pressure	2"	1/4 Lower	100	\$ 8.05
IPPG302-4BNL	Plastic	0-30#	Pressure	2"	1/4 Back	100	8.05
IPPG602-4LNL	Plastic	0-60#	Pressure	2"	1/4 Lower	100	8.05
IPPG602-4BNL	Plastic	0-60#	Pressure	2"	1/4 Back	100	8.05
IPPG1002-4LNL	Plastic	0-100#	Pressure	2"	1/4 Lower	100	8.05
EIPPG1002-4LPNL	Plastic	0-100#	Pressure	2" No dial logo	1/4 Lower	100	7.61
IPPG1002-4BNL	Plastic	0-100#	Pressure	2"	1/4 Back	100	8.05
IPVG302-4LNL	Plastic	0-30 Hg"	Vacuum	2"	1/4 Lower	100	8.63
<b>2" DIAL SIZE, STEEL CASE, DRY</b>							
IPG152-4LNL	Steel	0-15#	Pressure	2"	1/4 Lower	100	7.55
IPG302-4LNL	Steel	0-30#	Pressure	2"	1/4 Lower	100	8.22
IPG302-4BNL	Steel	0-30#	Pressure	2"	1/4 Back	100	8.22
IPG302-8LNL	Steel	0-30#	Pressure	2"	1/8 Lower	100	8.22
IPG302-8BNL	Steel	0-30#	Pressure	2"	1/8 Back	100	8.22
IPG602-4LNL	Steel	0-60#	Pressure	2"	1/4 Lower	100	8.22
IPG602-4BNL	Steel	0-60#	Pressure	2"	1/4 Back	100	8.22
IPG602-8LNL	Steel	0-60#	Pressure	2"	1/8 Lower	100	8.22
IPG1002-4LNL	Steel	0-100#	Pressure	2"	1/4 Lower	100	<b>7.50</b>
EIPG1002-4LPNL	Steel	0-100#	Pressure	2" No dial logo	1/4 Lower	100	7.53
IPG1002-4BNL	Steel	0-100#	Pressure	2"	1/4 Back	100	8.22
IPG1002-8LNL	Steel	0-100#	Pressure	2"	1/8 Lower	100	8.22
IPG1002-8BNL	Steel	0-100#	Pressure	2"	1/8 Back	100	8.22
IPG1602-4LNL	Steel	0-160#	Pressure	2"	1/4 Lower	100	8.22

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# Pressure Gauges - NO LEAD Dry



CAUTION



Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
<b>2" DIAL SIZE, STEEL CASE, DRY</b>							
IPG2002-4LNL	Steel	0-200#	Pressure	2"	1/4 Lower	100	\$ 7.50
IPG2002-4BNL	Steel	0-200#	Pressure	2"	1/4 Back	100	8.22
IPG2002-8LNL	Steel	0-200#	Pressure	2"	1/8 Lower	100	8.22
IPG3002-4LNL	Steel	0-300#	Pressure	2"	1/4 Lower	100	8.22
IPVG302-4BNL	Steel	0-30 Hg"	Vacuum	2"	1/4 Back	100	8.63
IPVG302-8LNL	Steel	0-30 Hg"	Vacuum	2"	1/8 Lower	100	8.63
IPCG3102-4LNL	Steel	30 Hg"/160#	Vacuum/Pressure	2"	1/4 Lower	100	8.63
IPCG3602-4LNL	Steel	30Hg"/60#	Vacuum/PResure	2"	1/4 Lower	200	8.63
<b>2" DIAL SIZE, STAINLESS STEEL CASE, 316SS INTERNALS and MOUNT, DRY</b>							
EIPG1002-4LSS316	Stainless Steel	0-100#	Pressure	2"	1/4 Lower	100	18.70
EIPG1002-4BSS316	Stainless Steel	0-100#	Pressure	2"	1/4 Back	100	22.35
EIPG2002-4LSS316	Stainless Steel	0-200#	Pressure	2"	1/4 Lower	100	18.70
EIPG2002-4BSS316	Stainless Steel	0-200#	Pressure	2"	1/4 Back	100	22.35
<b>2 1/2" DIAL SIZE, DRY</b>							
IPG1525-4LNL	Plastic	0-15#	Pressure	2 1/2"	1/4 Lower	100	10.54
IPG3025-4LNL	Steel	0-30#	Pressure	2 1/2"	1/4 Lower	100	10.54
IPG6025-4LNL	Steel	0-60#	Pressure	2 1/2"	1/4 Lower	100	10.54
IPG10025-4LNL	Steel	0-100#	Pressure	2 1/2"	1/4 Lower	50	10.54
IPG16025-4LNL	Steel	0-160#	Pressure	2 1/2"	1/4 Lower	100	10.54
IPG20025-4LNL	Steel	0-200#	Pressure	2 1/2"	1/4 Lower	100	10.54
IPG30025-4LNL	Steel	0-300#	Pressure	2 1/2"	1/4 Lower	50	10.54
IPG40025-4LNL	Steel	0-400#	Pressure	2 1/2"	1/4 Lower	50	10.54
IPVG3025-4LNL	Plastic	0-30 Hg"	Vacuum	2 1/2"	1/4 Lower	50	10.54
IPCG31025-4LNL	Steel	30 Hg"/160#	Vacuum/Pressure	2 1/2"	1/4 Lower	50	10.54
<b>3 1/2" DIAL SIZE, STEEL CASE, DRY</b>							
IPG3035-4LNL	Steel	0-30#	Pressure	3 1/2"	1/4 Lower	50	15.38
IPG10035-4LNL	Steel	0-100#	Pressure	3 1/2"	1/4 Lower	50	15.38
IPG20035-4LNL	Steel	0-200#	Pressure	3 1/2"	1/4 Lower	50	15.38
IPG30035-4LNL	Steel	0-300#	Pressure	3 1/2"	1/4 Lower	50	15.38
<b>4 1/2" DIAL SIZE, STEEL CASE, DRY</b>							
IPG3045-4LNL	Steel	0-30#	Pressure	4 1/2"	1/4 Lower	50	19.98
IPG6045-4LNL	Steel	0-60#	Pressure	4 1/2"	1/4 Lower	50	19.98
IPG10045-4LNL	Steel	0-100#	Pressure	4 1/2"	1/4 Lower	50	19.98
IPG20045-4LNL	Steel	0-200#	Pressure	4 1/2"	1/4 Lower	50	19.98
IPG30045-4LNL	Steel	0-300#	Pressure	4 1/2"	1/4 Lower	50	19.98
IPVG3045-4LNL	Steel	30 Hg"	Vacuum	4 1/2"	1/4 Lower	50	19.98
IPCG36045-4LNL	Steel	30 Hg"/60#	Vacuum/Pressure	4 1/2"	1/4 Lower	50	19.98
IPCG31045-4LNL	Steel	30 Hg"/160#	Vacuum/Pressure	4 1/2"	1/4 Lower	50	19.98

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# Pressure Gauges - Liquid Filled



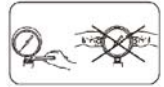
EILPG Series



ILPG Series

## Liquid Filled Pressure Gauge Features:

- Stainless steel or black steel case
- Glycerine Filled, Phosphor bronze bourdon tube
- Accuracy +/- 3-2-3%
- 2" or 2 1/2" Dial face with clear acrylic lens
- Crimped stainless steel ring
- For use in high vibration, corrosion situations
- **TO BE USED WITH AIR OR WATER ONLY.**



CAUTION



## WARNING

This product can expose you to lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



This product is designed and intended for use in NON-POTABLE water applications only.

**AMERICAN GRANBY INC.**

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
<b>2" DIAL SIZE, LIQUID FILLED</b>							
EILPG302-4L	Steel	0-30#	Pressure	2"	1/4" Lower	100	\$ 8.62
EILPG602-4L	Steel	0-60#	Pressure	2"	1/4" Lower	100	8.62
EILPG602-4B	Steel	0-60#	Pressure	2"	1/4" Back	100	9.45
EILPG1002-4L	Steel	0-100#	Pressure	2"	1/4" Lower	100	8.62
EILPG1002-4B	Steel	0-100#	Pressure	2"	1/4" Back	100	9.45
EILPG1602-4L	Steel	0-160#	Pressure	2"	1/4" Lower	100	8.62
EILVG302-4L	Steel	0-30 Hg"	Vacuum	2"	1/4" Lower	100	10.36
EILPG302-4LSS	Stainless Steel	0-30#	Pressure	2"	1/4" Lower	100	13.69
EILPG602-4LSS	Stainless Steel	0-60#	Pressure	2"	1/4" Lower	100	13.69
EILPG602-4BSS	Stainless Steel	0-60#	Pressure	2"	1/4" Back	100	14.25
EILPG1002-4LSS	Stainless Steel	0-100#	Pressure	2"	1/4" Lower	100	13.69
EILVG302-4LSS	Stainless Steel	0-30 Hg"	Vacuum	2"	1/4" Lower	100	14.82
<b>2 1/2" DIAL SIZE, LIQUID FILLED</b>							
ILPG3025-4L	Stainless Steel	0-30#	Pressure	2 1/2"	1/4 Lower	50	14.63
ILPG6025-4L	Stainless Steel	0-60#	Pressure	2 1/2"	1/4 Lower	50	14.63
ILPG10025-4L	Stainless Steel	0-100#	Pressure	2 1/2"	1/4 Lower	50	14.63
ILPG16025-4L	Stainless Steel	0-160#	Pressure	2 1/2"	1/4 Lower	50	14.63
ILPG20025-4L	Stainless Steel	0-200#	Pressure	2 1/2"	1/4 Lower	50	14.63
ILVG3025-4L	Stainless Steel	0-30 Hg"	Vacuum	2 1/2"	1/4 Lower	50	16.68
ILCG36025-4L	Stainless Steel	30 Hg"/60#	Vacuum/Press	2 1/2"	1/4 Lower	50	17.29

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# Pressure Gauges - NO LEAD Liquid Filled



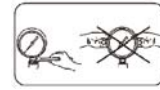
EILPG Series



ILPG Series

## Liquid Filled Pressure Gauge Features:

- Stainless steel or black steel case.
- Glycerine filled, phosphor bronze bourdon tube.
- Accuracy +/- 3-2-3%.
- 2" or 2 1/2" Dial face with clear acrylic lens.
- Crimped stainless steel ring.
- For use in high vibration, corrosion situations.
- **Third party certified to NSF/ANSI 372.**
- No lead brass or stainless steel sockets.
- **TO BE USED WITH AIR OR WATER ONLY.**



CAUTION

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
<b>2" DIAL SIZE, LIQUID FILLED</b>							
EILPG302-4LNL	Steel	0-30#	Pressure	2"	1/4" Lower	100	\$ 10.32
EILPG602-4LNL	Steel	0-60#	Pressure	2"	1/4" Lower	100	10.32
EILPG602-4BNL	Steel	0-60#	Pressure	2"	1/4" Back	100	11.48
EILPG1002-4LNL	Steel	0-100#	Pressure	2"	1/4" Lower	100	10.54
EILPG1002-4BNL	Steel	0-100#	Pressure	2"	1/4" Back	100	10.89
EILPG1002-8BNL	Steel	0-100#	Pressure	2"	1/8" Back	100	11.16
EILPG1602-4LNL	Steel	0-160#	Pressure	2"	1/4" Lower	100	10.32
EILPG2002-4LNL	Steel	0-200#	Pressure	2"	1/4" Lower	100	10.84
EILVG302-4LNL	Steel	0-30 Hg"	Vacuum	2"	1/4" Lower	100	12.25
EILVG302-4BNL	Steel	0-30 Hg"	Vacuum	2"	1/4" Back	100	13.18
EILPG302-4LSSNL	Stainless Steel	0-30#	Pressure	2"	1/4" Lower	100	15.56
EILPG602-4LSSNL	Stainless Steel	0-60#	Pressure	2"	1/4" Lower	100	15.56
EILPG602-4BSSNL	Stainless Steel	0-60#	Pressure	2"	1/4" Back	100	16.49
EILPG1002-4LSSNL	Stainless Steel	0-100#	Pressure	2"	1/4" Lower	100	15.56
EILPG1002-4LSS316*	Stainless Steel 316	0-100#	Pressure	2"	1/4" Lower	100	34.64
EILPG1002-4BSSNL	Stainless Steel	0-100#	Pressure	2"	1/4" Back	100	16.49
EILPG1002-4BSS316*	Stainless Steel 316	0-100#	Pressure	2"	1/4" Back	100	35.18
EILPG1602-4LSSNL	Stainless Steel	0-160#	Pressure	2"	1/4" Lower	100	15.56
EILPG2002-4LSSNL	Stainless Steel	0-200#	Pressure	2"	1/4" Lower	100	15.56
EILVG302-4LSSNL	Stainless Steel	0-30 Hg"	Vacuum	2"	1/4" Lower	100	17.14
EILVG302-4BSSNL	Stainless Steel	0-30 Hg"	Vacuum	2"	1/4" Back	100	18.07
* 316 Stainless steel internals and mount.							
<b>2 1/2" DIAL SIZE, LIQUID FILLED</b>							
ILPG3025-4LNL	Stainless Steel	0-30#	Pressure	2 1/2"	1/4 Lower	50	12.86
ILPG6025-4LNL	Stainless Steel	0-60#	Pressure	2 1/2"	1/4 Lower	50	12.86
ILPG10025-4LNL	Stainless Steel	0-100#	Pressure	2 1/2"	1/4 Lower	50	<b>12.18</b>
ILPG16025-4LNL	Stainless Steel	0-160#	Pressure	2 1/2"	1/4 Lower	50	<b>12.18</b>
ILPG20025-4LNL	Stainless Steel	0-200#	Pressure	2 1/2"	1/4 Lower	50	<b>12.18</b>
ILPG30025-4LNL	Stainless Steel	0-300#	Pressure	2 1/2"	1/4 Lower	50	<b>12.18</b>
ILPG40025-4LNL	Stainless Steel	0-400#	Pressure	2 1/2"	1/4 Lower	50	12.57
ILVG3025-4LNL	Stainless Steel	0-30 Hg"	Vacuum	2 1/2"	1/4 Lower	50	18.60
ILVG3025-4BNL	Stainless Steel	0-30 Hg"	Vacuum	2 1/2"	1/4 Back	50	19.53
ILCG36025-4LNL	Stainless Steel	30 Hg"/60#	Vacuum/Press	2 1/2"	1/4 Lower	50	19.28

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# Specialty Pressure Gauges



IPG45-WLSS



### IPG45-WL Water Level Gauge Features:

- 4 1/2" face #304 stainless steel case and clear acrylic lens.
- #304 stainless steel bezel with side screws.
- Brass pointer with black finish.
- NL brass movement.
- Range 0-390' H2O.
- Bourdon tube-phosphor bronze, soft soldered.
- Connection: 1/4" NPT, lower mount, NL brass.
- Accuracy: +/- 3-2-3%

Part Number	Size	Description	MIP Conn.	Ctn Qty	List Price
<b>NO LEAD BRASS</b>					
IPG45-WLSSNL	4 1/2"	0 - 390' Water Level	1/4" lower	20	\$ 35.33



PTG1002

### Pressure Test Gauge Features:

- 0-100 psi, 2" plastic lens.
- Brass test fitting with pressure release button.
- Heavy rubber boot to protect gauge from damage.

Part Number	Size	Pressure Setting/Description	Ctn Qty	List Price
PTG1002	2" case	0-100# Pressure test gauge	50	\$ 14.90



PGBS



### Pressure Gauge Brass Snubber Features:

- Use with any pressure gauge subjected to rapidly fluctuating pressures or sudden shock pressure.
- Brass housing with high strength sintered, porous type snubbing element.

Part Number	Size/Description	Ctn Qty	List Price
PGBS1/4	1/4" mpt x 1/4" fpt Brass Snubber	50/500	\$ 8.47



WTG

### Water Test Gauge Features:

- Quick, easy method to test a wide range of pressure systems for leakage.
- 2 1/2" dial face, steel case pressure gauge w/ plastic lens.
- With standard 3/4" FGHT swivel garden hose connection with rubber washer.
- Attach to hose bibbs, boiler drains and lawn faucets for pressure testing.
- "MP" series MAX pointer arm measures maximum water surge or pressure drop.
- Individually cartoned.



WTG MP



Part Number	Size	Pressure Setting/Description	PSI dial increments	Ctn Qty	List Price
WTG100	2 1/2"	0-100# water test gauge, fght	1	50	\$ 7.45
WTG200	2 1/2"	0-200# water test gauge, fght	2	50	10.42
WTG300	2 1/2"	0-300# water test gauge, fght	3	100	10.42
WTG100MP	2 1/2"	0-100# gauge with MAX pointer	1	50	11.14
WTG200MP	2 1/2"	0-200# gauge with MAX pointer	2	50	11.14
WTG300MP	2 1/2"	0-300# gauge with MAX pointer	3	50	11.14



## WARNING

This product can expose you to lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



This product is designed and intended for use in NON-POTABLE water applications only.

**AMERICAN GRANBY INC.**

[www.cbsupplies.ca](http://www.cbsupplies.ca)

Phone: (866) 503-5523 Fax: (888) 562-2095

[AGI@cbsupplies.ca](mailto:AGI@cbsupplies.ca)







GTG

### Gas Test Gauge Features:

- Quick, easy means of pressurizing & monitoring gas systems for leakage.
- Completely assembled - brass hex manifold, air valve with plastic cap and 2" dial face, steel case pressure gauge with plastic lens.
- Manifold also available separately: 3/4" fpt connection with 1/4" fpt gauge tap and 1/8" fpt air valve tap.
- Individually cartoned and available in 15, 30, 60 and 100 psi.

Part Number	Description	Gauge Increments	Ctn Qty
GTG15	Gas test gauge, 3/4" fpt, 0-15#	1/10 lb.	50
GTG30	Gas test gauge, 3/4" fpt, 0-30#	1/2 lb.	50
GTG60	Gas test gauge, 3/4" fpt, 0-60#	1/10 lb.	50
GTG100	Gas test gauge, 3/4" fpt, 0-100#	1 lb.	50
GTM3/4	Brass Gas test manifold only		100



GTM3/4

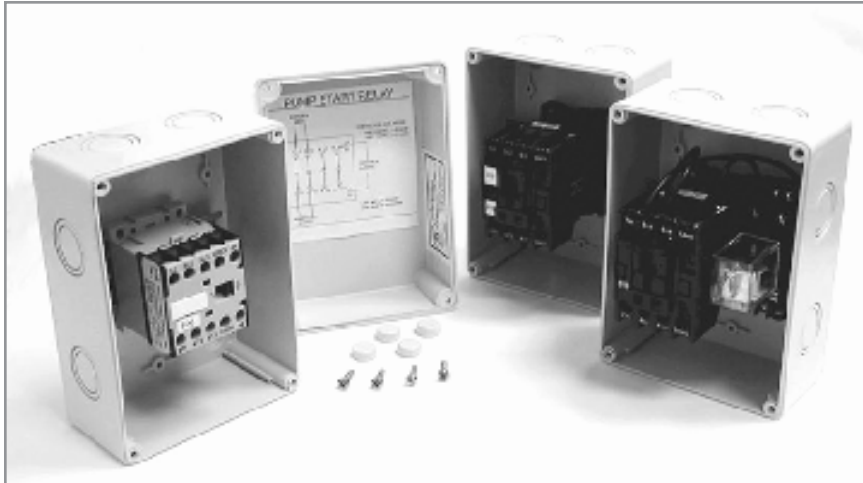
### Pressure Air Test Gauge Features:

- Quick, easy means of pressurizing and monitoring plumbing systems for leakage
- Attach to hose bibb.
- Includes brass hex manifold, air valve, 2" 200# gauge, garden hose thread fitting.



PATG200

Part Number	Description	Ctn Qty
PATG200	Pressure Air Test Gauge	30



## Pump Start Relay / Magnetic Contactor Features:

- Contactors are UL and UL Canada rated.
- Wide coil operating range, +10% to -30% of rated 60 hz coil voltage.  
Contactors will start on low voltage as follows:
  - Single phase: 24 VAC coil will pull in at 17 volts.
  - 120 VAC coil will pull in at 84 volts.
  - 230 VAC coil will pull in at 161 volts.
- Finger safe design.
- One normally open auxilliary contact for powering a pilot light or alarm.
- Pressure screw terminals accept 18 through 10 AWG wire.
- Interposing relay units accept 24 through 10 AWG wire.
- Mechanical life up to 10 million operations.
- Long electrical life.
- PSR567 Series with interposing relay designed for low voltage and low controller output.



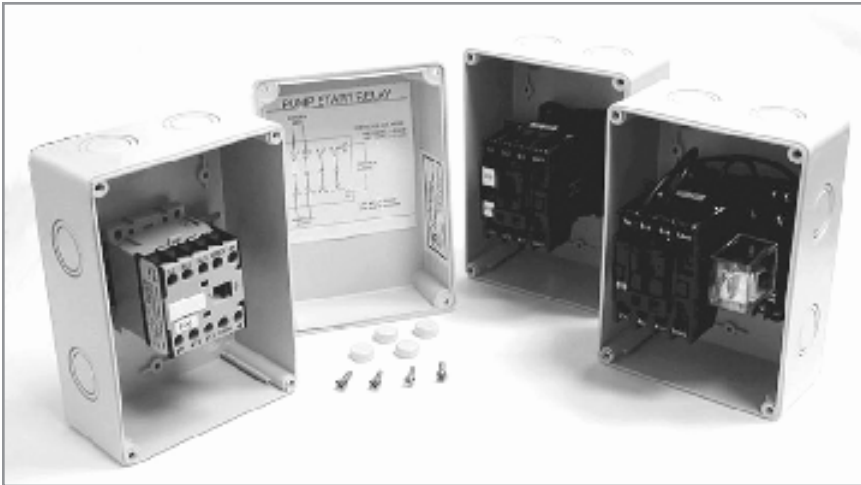
## Industrial Non-metallic Enclosure Features:

- Gray enclosures are UL, CSA listed.
- Rated NEMA 4X for indoor or outdoor use.
- To maintain 4X enclosure rating use required 4X connectors.
- Watertight, dust tight, oil tight and rain tight.
- High impact, durable insulated Noryl thermoplastic.
- Neoprene gasketed cover.
- Resistant to shock, corrosion, chemicals and atmospheric agents.
- 8 conduit knockouts (1/2", 3/4" NPT combination.)
- Service temperature -40° to 260°F.
- Stainless steel cover screws (max tightening torque: 7 in-lbs.)
- Sealing plugs provided to waterproof mounting screws.
- 5.9" H x 4.3" W x 3.9" D





# Pump Start Relays / Magnetic Contactors



Part Number	INPUT- PUMP START RELAY			CONTACTOR Coil Voltage	PUMP MOTOR HP (MAX)			
	Volts VAC	Req'd Coil Power Close	Hold		Single Phase*		Three Phase **	
					120 v	230 v	200/230v	460 v
<b>Direct Control Style Contactor</b>								
PSR123-24	24	26 VA	4.2 VA	24	1 HP	2 HP	3 HP	5 HP
PSR123-120	120	26 VA	4.2 VA	120	1 HP	2 HP	3 HP	5 HP
PSR123-230	230	26 VA	4.2 VA	230	1 HP	2 HP	3 HP	5 HP
<b>Direct Control Style Contactor</b>								
PSR575-24	24	70 VA	12 VA	24	2 HP	5 HP	7.5 HP	15 HP
PSR575-120	120	70 VA	12 VA	120	2 HP	5 HP	7.5 HP	15 HP
PSR575-230	230	70 VA	12 VA	230	2 HP	5 HP	7.5 HP	15 HP
<b>Interposing Relay Style Contactor for low voltage/controller output applications.</b>								
PSR576-230-24	24	1.2 VA	1.2 VA	260	-	5 HP	7.5 HP	-

Notes:

1. Direct Control Style: The **input volts** must match the controller output voltage.  
The **contactor coil voltage** must match the controller voltage.
2. Interposing Relay Style: The **input volts** must match the controller output voltage.  
The **contactor coil voltage** must match the controller voltage.
3. VA=Volt Amps. To determine the operating amperage needed by the coil, divide the VA by the controller output voltage.

\* Single Phase systems require **motor overload protection** within the motor.

\*\* Three phase systems: May require **motor overload protection** within the motor. For proper **overload protection** consult the NEC (National Electrical Code) and local building codes before installation.





**BIW Controls**



Liquid Level Control

**Liquid Level Control Features:**

- Provides automatic low level cutoff protection for submersible pumps & deep well turbines.
- Liquid level submersible pump control system consists of a standard enclosed type induction relay which operates from two insulated electrodes suspended at desired levels.
- Permits efficient operation at full capacity and eliminates danger of pumping air or sand.
- Wiring diagrams and complete installation instruction are included with each control.

**1500G SERIES INDUCTION RELAY:**

- Two way control system for pump up or pump down.
- Rated at 1 hp single phase, 115 or 230 volts A.C.
- For use in controlling hydropneumatic tanks and motorized valve installations.

**1500C and 1500D SERIES INDUCTION RELAY:**

- Rated at 1 h.p. single phase, 110 or 220 volts and furnished in a NEMA 1 metal enclosure.
- For control of a larger motor, it can also be supplied in a common enclosure with an auxiliary relay without overload protection or with a magnetic starter that has overload protection.
- 1500C Series for sewage & sump pump, low level cutoff for submersible pump application.
- 1500D Series for supply pumps on elevated tanks & towers, high level cutoff for pumps & valves.

**6013 SERIES ELECTRODES:**

- Made of brass or 303 stainless steel.
- 2" long.
- Assembled in molded plastic insulating shield 9/16" in diameter.
- Use in submersible pump installations by suspending to desired length w/ suspension wire.



Electrode

NEW Part Number	OLD Part Number	Description	Volts	Ctn Qty
1500G-L1-S7-N1X	DH110-220	Pump-up/Pump-down	110/220 volts	1
1500G-L1-S8-N1X	DH110-360	Pump-up/Pump-down	110/360 volts	1
1500G-L2-S7-N1X	DH220-220	Pump-up/Pump-down	220/220 volts	1
1500G-L2-S8-N1X	DH220-360	Pump-up/Pump-down	220/360 volts	1
1500G-L3-S8-N1X	DH440-360	Pump-up/Pump-down	440/360 volts	1
1500C-L1-S4-N1X	LH110-110	Pump-down	110/120 volts	1
1500C-L1-S7-N1X	LH110-220	Pump-down	110/220 volts	1
1500C-L1-S8-N1X	LH110-360	Pump-down	110/360 volts	1
1500C-L2-S7-N1X	LH220-220	Pump-down	220/220 volts	1
1500C-L2-S8-N1X	LH230-360	Pump-down	230/360 volts	1
1500D-L1-S7-N1X	RH110-220	Pump-up	110/220 volts	1
1500D-L1-S8-N1X	RH110-360	Pump-up	110/360 volts	1
1500D-L2-S7-N1X	RH220-220	Pump-up	220/220 volts	1
<b>Electrodes</b>				
6013-W6	E1S	Stainless Steel *		1
6013-W5	E1SB	Brass		1





## Induction Relay Coil Selection Data

### Primary Coil:

The primary coil voltage should be chosen to match the line voltage of the control system. The 1500 Series Induction Relay can be supplied with any of the following line voltages.

Line Voltage	Frequency (Hertz)	Max Amps (Secondary Shorted)
110-120	50-60	.075
208-240	50-60	.038
440-480	50-60	.019

### Secondary Coil:

Since B/W level control systems use liquid as an electrical conductor to complete the relay's secondary circuit - and since the resistance of liquid varies, it is necessary that each induction relay be equipped with a secondary coil that will operate over the resistance of the liquid it controls. The table below lists the operating characteristics of various coils available. All values are based on line voltage of 115, 230, 460 volts at 60 hertz.

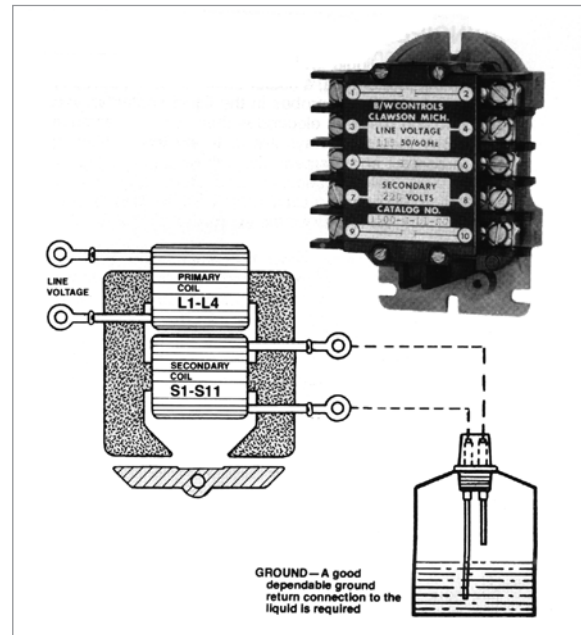
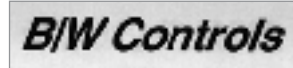
### Typical Liquids:

The following recommendations are satisfactory for general use, but because the conductivity of liquids varies greatly with concentration, purity, temperature and other factors, some applications may require a different selection.

A number of the products listed are produced as solids such as crystals or powders, and the relay selection is based on the normally used commercial solutions of these materials.

Liquid Description	Secondary Coil	Liquid Description	Secondary Coil	Liquid Description	Secondary Coil
Acetic Acid - up to 75%	90 volt	Carbolic Acid - up to 90%	220 volt	Nitric acid	40 or 90 volt
- 75 - 90%	220 volt	Catsup	90 volt	Orange juice	90 volt
Acids - General	40 or 90 volt	Caustic Soda (Sodium Hydroxide)	40 volt	Paper stock	220 volt
Alkalies - General	40 or 90 volt	Cement slurry	220 volt	Penicillin	220 volt
Alum Solutions	220 volt	Chromic acid	40 volt	Phosphoric acid	40 volt
Aluminum Sulphate	90 volt	Citric acid	40 or 90 volt	Plating solutions	40 or 90 volt
Aluminum Hydroxide	90 volt	Coffee	90 volt	Salts - chemical	40 or 90 volt
Amino Acids	90 volt	Condensate - ordinary water	480 volt	Sodium Carbonate (soda ash)	90 volt
Ammonium Chloride	40 volt	Corn syrup	480 volt	Sodium Chloride (table salt)	40 volt
Ammonium Hydroxide (Ammonia)	220 volt	Corn - cream style	90 volt	Sodium Hydroxide (caustic soda)	40 volt
Ammonium Sulphate	220 volt	Ferrous Sulphate	220 volt	Sodium Hypochlorate	40 volt
Baby foods	90 volt	Formic acid - up to 75%	90 volt	Sodium Silicate (water glass)	90 volt
Barium Chloride	40 volt	- 75 to 90%	220 volt	Soups	40 volt
Barium Nitrate	40 volt	Hydrofluoric acid - up to 20%	220 volt	Starch solutions	220 volt
Beer	90 volt	- above 20%	40 volt	Sugar - low concentrations	220 volt
Black liquor	40 volt	Hydrofluorsilicic acid	90 volt	- high concentrations	360 volt
Blood	220 volt	Jams & jellies	360 volt	Vinegar	90 volt
Borax - up to 10%	220 volt	Juices - fruit & vegetable	40 or 90 volt	Water - Sea	40 volt
- Greater than 10%	90 volt	Lithium Chloride	40 volt	- Ordinary potable	220 volt
Bread dough	90 volt	Magnesium Hydroxide	90 volt	- ordinary soft	360 volt
Buttermilk	24 or 40 volt	Mayonnaise	220 volt	- Ordinary condensate	480 volt
Cadmium Chloride	40 volt	Milk	40 volt	Zinc Chloride	40 volt
Cake batter	220 volt	Molasses	220 volt		
Calcium Chloride	40 volt	Muriatic acid	40 volt		
Calcium Hydroxide	220 volt	Mustard	40 volt		

NOTE: Maximum distance limitations for typical induction relay secondary circuits are: 220 secondary - 900 feet, 360 secondary - 350 ft, 480 secondary - 250 ft.





# Pressure Switches - Imported



## Imported Pressure Switch Features:

- Designed for the control of electrically driven water pumps.
- Suitable for all types of pumps: jet, submersible, reciprocating, etc.
- Diaphragm actuated.
- 1/4" FPT connection.
- Standard and low pressure cut-off available.
- Terminal and ground screws are combination slotted, phillips heads.
- Captive cover thumb screw.
- Black plastic NEMA 1 general purpose enclosure.
- UL, CSA listed US and Canada, CE certified.
- Individually boxed. Bulk packaging available on standard switch only.
- Third party certified to NSF/ANSI 372.



Part Number	Description	Cut-In/Cut-off	Package	Case Qty
PS2040	Standard Switch	20/40	Individual Ctn	50
PS3050	Standard Switch	30/50	Individual Ctn	50
PS4060	Standard Switch	40/60	Individual Ctn	50
CPS2040	Standard Switch	20/40	Bulk Packed	50
CPS3050	Standard Switch	30/50	Bulk Packed	50
CPS4060	Standard Switch	40/60	Bulk Packed	50
PS2040M4	Low Pressure Cut-off	20/40	Individual Ctn	50
PS3050M4	Low Pressure Cut-off	30/50	Individual Ctn	50
PS4060M4	Low Pressure Cut-off	40/60	Individual Ctn	50







# Pressure Switches - Square D



ISO 9001

### Square D Pressure Switch Features:

- Designed for the control of electrically driven water pumps.
- Diaphragm actuated.
- Differential increases with range.
- Contacts open on increased pressure.
- General purpose enclosure NEMA Type 1
- **Individually boxed.** Bulk packaging available upon request.
- Manufactured for AGI in an ISO 9001 facility.
- **Third party certified to NSF/ANSI 372.**



**SQUARE D**



Certified to NSF/ANSI 61



Part Number pc)	Description/Special Features	Ctn Qty	Drop Ship Price (200	
9013FSG2 20/40	Standard Pump Switch	50	↑	
9013FSG2 30/50	Standard Pump Switch	50		
9013FSG2 40/60	Standard Pump Switch	50		
9013FSG2M4 20/40	Low Pressure Cutoff	40	↓	
9013FSG2M4 30/50	Low Pressure Cutoff	40		
9013FSG2M4 40/60	Low Pressure Cutoff	40		
9013FSG2M1 20/40	Manual Cutoff Lever	1		
9013FSG2M1 30/50	Manual Cutoff Lever	1		
9013FSG2M1 40/60	Manual Cutoff Lever	1		
9013FSG2P 20/40	with Pulsation Plug	1		Contact
9013FSG2P 30/50	with Pulsation Plug	1		your
9013FSG2P 40/60	with Pulsation Plug	1		Salesperson
9013FSG9 20/40	1/4 mpt Connection	1	or	
9013FSG9 30/50	1/4 mpt Connection	1	Cust. Service	
9013FSG9 40/60	1/4 mpt Connection	1	For	
9013FYG2 30/50	Medium Duty Pump Switch	1	↓	
9013FYG2 40/60	Medium Duty Pump Switch	1		
9013FYG2 60/80	Medium Duty Pump Switch	1		
9013GHG2 60/80	Heavy Duty Pump Switch	1	↓	
9013GHG2 80/100	Heavy Duty Pump Switch	1		
9013GHG2 120/150	Heavy Duty Pump Switch	1		
9013GHG2 145/175	Heavy Duty Pump Switch	1		
9013GSG2 20/40	Heavy Duty Pump Switch	1	↓	
9013GSG2 30/50	Heavy Duty Pump Switch	1		
9013GSG2 40/60	Heavy Duty Pump Switch	1		
9013GSG2 60/80	Heavy Duty Pump Switch	1		
9013FGADJTOOL	Pressure Switch Wrench	1		
Pulsation Plug	Pulsation Plug (Packaged in bags of 50)	1		





# Pressure Switches - Square D

## SPECIFICATIONS



General Purpose Enclosure NEMA Type 1		Application		Pipe Connection
Product No.	Special Feature			
9013FSG9	1/4" MPT Conection	Domestic Water Pumps	Domestic Water Pumps	1/4" - 18 NPT
9013FYG2	High H.P. 80 psi range			
9013FSG2	Standard Pump Switch			
9013FSG2P	Pulsation Plug			
9013FSG2M1	Manual Cutout Lever			
9013FSG2M4	Low Pressure Cutoff			
9013GSG2	Heavy Duty Pump Switch	Air Compressors Lg. Water Pumps	Water or Air	1/4" - 18 NPT Internal Thread
9013GHG2	Heavy Duty Pump Switch			

Horsepower Chart General Purpose Enclosure												
Product No.	Poles	Cut-out PSI	Diff PSIG	Single Phase		Polyphase AC			Direct Current			
				110V	220V	220V	440V	550V	32V	115V	230V	
9013FSG9	2	20-65	15-30	1	1 1/2	2				1/4		
9013FYG2	2	25-80	20-30	1 1/2	2	3				1/4	1/2	1/2
9013FSG2	2	20-65	15-30	1 1/2	2	2				1/4		
9013FSG2P	2	20-65	15-30	1 1/2	2	2				1/4		
9013FSG2M1	2	20-65	15-30	1 1/2	2	2				1/4		
9013FSG2M4	2	20-65	15-30	1 1/2	2	2				1/4		
9013GSG2	2	20-80	12-36	2	3	5	5	5		1/2	1	1
9013GHG2	2	65-200	25-60	2	3	5	5	5		1/2	1	1

Pressure Code Table	
Code	Setting PSI (Close-Open)
J15	5-21
J16	8-20
J18	20-50
J20	20-40
J21	30-50
J23	40-20
J24	40-60
J25	60-80
J26	70-90
J28	70-100
J29	75-100
J31	90-120
J33	50-70
J34	55-85
J51	100-80
J57	120-150
J63	145-175

