

Product Information - GB

GB - Sanitary Differential Pressure Switch

Introduction

For over 20 years the Anderson-Negele "GB" has been the industry standard for insuring that continuous pasteurizer regenerators operate safely and in compliance with the PMO. Not only is it the simplest way to insure that the booster pump only runs when a safe differential exists across the regenerator, but it can also improve the operational efficiency of the system.

By utilizing one or more of the standard features, the system can be protected against oscillation during start-up, or freeze-up of the cooler. It also can provide a control signal to simplify maintenance of proper system back-pressure. And with the new high pressure and temperature options you can specify exactly the right unit for your HTST, HHST, or UHT system. For a complete package of failsafe controls, please ask about our AV9900 STLR and DART reference thermometer.



Authorizations



Features

- Complies with all PMO, CFR and 3-A standards
- Sensor and range options for standard and high temp (UHT/ Aseptic) applications
- Options for "split" regenerators and higher pressures now available
- Large, bright, LED displays with simple-to-read differential bargraph
- Dual 4-20mA retransmission standard
- Secondary alarm relay on High Pressure channel is standard

FOOD

FOOD

Specifications | Order Information

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Specifications	

GENERAL		
Power Supply:	115 or 230 VAC (specify), 50/60 Hz 30W	
	max.consumption	
Pressure Ranges:	0-99 psig, 0-199 psig, 0-9.9 BAR, 0-19.9 BAR	
Differential Ranges:	1-15 psid, 5-75 psid, 0.1-1.5 BAR	
Sensor Temperature Range: 25-250°F (SY transducer)		
	25-275°F (SR transmitter)	
	25-350°F (TFP-2 transmitter)	
	25-400°F (TFP-3 transmitter)	
Pressure Inputs:	0-50 mV (std), 4-20mA (optional)	
Relay Capacity:	5 amps at 115 or 230VAC for both	
	Differential (K1) and High Pressure	
	Alarm (K2)	

4-20mA	Retrans:

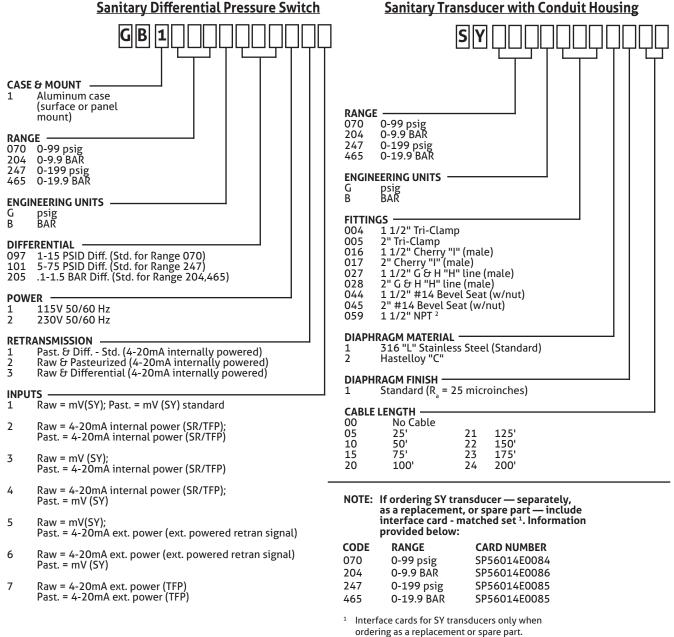
Approvals:

ENCLOSURE Material: Dimensions: Weight: Any two of three channels (specify when ordering) internally powered at 15VDC (500 ohms max loop resistance) FDA Milk Safety Branch memorandum of compliance with PMO; UL listed

Aluminum w/Polyurethane paint 10"H x 8 1/16"W x 3 15/16"D 8 1/4 lbs.

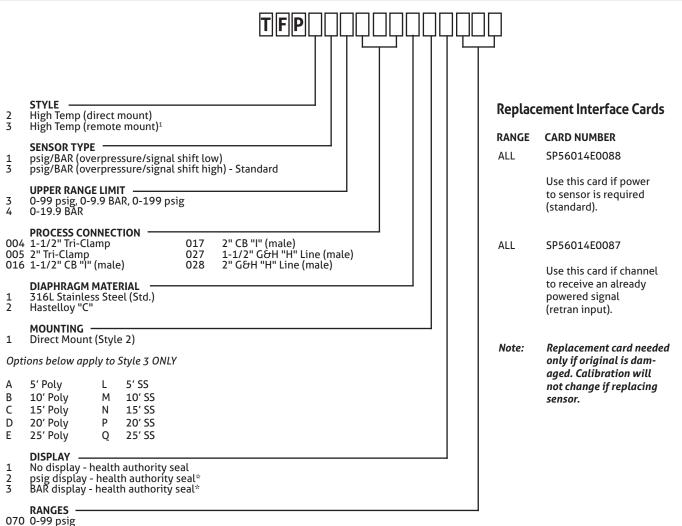
Note: When making a new purchase of a GB with a SY, the interface cards are included within the GB $\,$

Order Information



² Not 3-A compliant

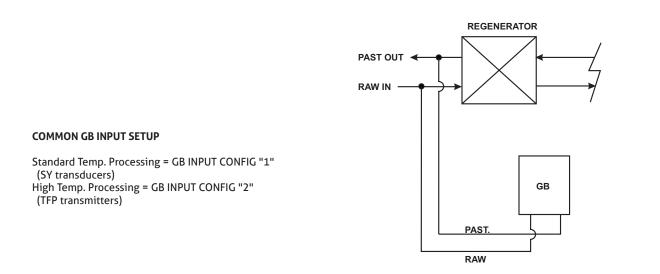
Sanitary Electronic Pressure Transmitter - (High Temperature)



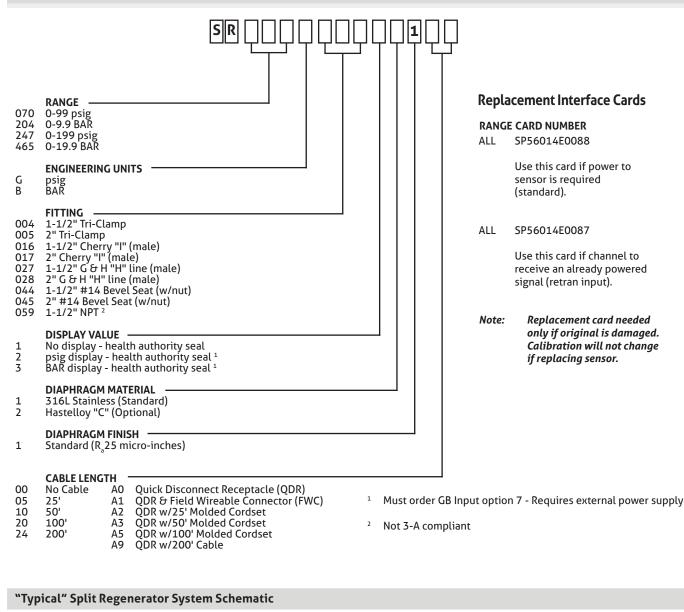
- 070 0-99 psig 204 0-9.9 BAR
- 247 0-199 psig 465 0-19.9 BAR

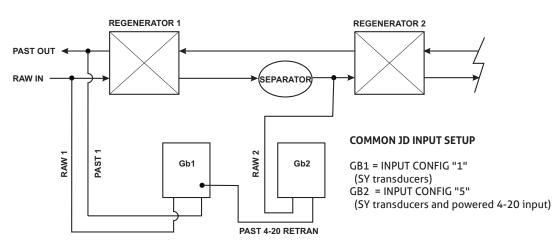
*Must order GB Input option 7 - Requires external power supply

"Typical" Single Regenerator System Schematic



SR - Sanitary Electronic Pressure Transmitter





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