

Pressure Transducers

Model Selection Guide

Instructions

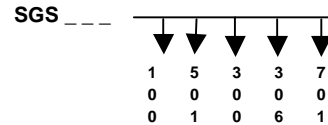
- Select the desired key number. The arrow to the right marks the selection available.
 - Make the desired selections from Table I using the column below the proper arrow.
 - All units are supplied with certificates of calibration and CE compliance.
- A dot (•) denotes availability. No (•) dot denotes not available.

Key Number	I	II	III	IV	V	VI	VII
<div style="border: 1px solid black; height: 1.2em; width: 80%; margin-bottom: 2px;"></div> <div style="border-top: 1px dashed black; height: 1.2em; width: 80%;"></div>	-	-	-	-	-	-	-

Key Number - Pressure Transducer Type		Selection	Availability			
Adjustable	General Purpose, +/- 0.1% BSL	SGS100	▼			
	General Purpose, +/- 0.15% BSL	SGS501		▼		
Fixed	Boss-mount, +/- 0.2% BSL	SGS300			▼	
	Boss-mount, +/- 0.2% BSL	SGS306				▼
	Boss-mount, +/-0.15% BSL	SGS701				▼

TABLE I - NOMINAL PRESSURE RANGE

Pressure in bar	Gauge	0 - 0.1 bar	BG0001	•	•			
		0 - 0.4 bar	BG0004	•	•			
		0 - 1.0 bar	BG0010	•	•	•	•	•
		0 - 2.0 bar	BG0020	•	•	•	•	•
		0 - 7.0 bar	BG0070	•	•	•	•	•
		0 - 17 bar	BG0170	•	•	•	•	•
		0 - 35 bar	BG0350	•	•	•	•	•
		0 - 70 bar	BG0700	•	•	•	•	•
		0 - 170 bar	BG1700	•	•	•	•	•
		0 - 350 bar	BG3500	•	•	•	•	•
Pressure in psi	Gauge	0 - 5 psi	PG0005	•	•			
		0 - 15 psi	PG0015	•	•	•	•	•
		0 - 30 psi	PG0030	•	•	•	•	•
		0 - 100 psi	PG0100	•	•	•	•	•
		0 - 250 psi	PG0250	•	•	•	•	•
		0 - 500 psi	PG0500	•	•	•	•	•
		0 - 1000 psi	PG1000	•	•	•	•	•
		0 - 2500 psi	PG2500	•	•	•	•	•
		0 - 5000 psi	PG5000	•	•	•	•	•
Pressure in meters	Water Gauge	0 - 1 m	MG0001	•	•			
		0 - 4 m	MG0004	•	•			
		0 - 10 m	MG0010	•	•	•	•	•
		0 - 20 m	MG0020	•	•	•	•	•
		0 - 70 m	MG0070	•	•	•	•	•
		0 - 170 m	MG0170	•	•	•	•	•
		0 - 1700 m	MG1700	•	•	•	•	•
		0 - 3500 m	MG3500	•	•	•	•	•
Pressure in feet	Water Gauge	0 - 10 ft	FG0010	•	•			
		0 - 30 ft	FG0030	•	•	•	•	•
		0 - 60 ft	FG0060	•	•	•	•	•
		0 - 250 ft	FG0250	•	•	•	•	•
		0 - 500 ft	FG0500	•	•	•	•	•
		0 - 5500 ft	FG5500	•	•	•	•	•
		0 - 11000 ft	FG11000	•	•	•	•	•

**TABLE II - PROCESS CONNECTION/WETTED MATERIALS****Selection**

1/4" NPT male	316L Stainless Steel	A	•	•	•	•	•
G1/4 BSP	316L Stainless Steel	B	•	•	•	•	•

TABLE III - ELECTRICAL CONNECTION

Flying (Tinned) Leads	1	•	•	•	•	•
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TABLE IV - OUTPUT SIGNAL

	Output	Power Supply					
Voltage	0-50 mV	4-35 Vdc, 4-wire device	A				•
	0-100 mV	SGS300: 7-35 Vdc, 4-wire device	B			•	
	1-5 V	9-36 Vdc, 3-wire device	G	•			
Current	4-20 mA	SGS501: 9-43 Vdc, 2-wire device	H		•		
		SGS701: 12-36 Vdc, 2-wire device					•

TABLE V - CABLE LENGTH

Feet: Specify by a Multiple of 10 Example: 30 Feet = 030F	--- F	•	•	•	•	•
Meters: Specify by a Multiple of 5 Example: 20 Meters = 020M (1 Foot = 0.3048 Meters)	--- M	•	•	•	•	•

TABLE VI - SPECIALS

Standard		0000	•	•	•	•	•
Special Calibration	(Note 1)	XXXX	•	•	•	•	•

TABLE VII - OPTIONS

Approvals	Future	0	•	•	•	•	•
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Note 1: Specify special range by choosing closest range above desired range and fill in special range in Table VI.

Example: For special range of 0-10 bar

(1) Choose BG0170 in Table I

(2) Fill in 0100 in Table VI

Example: For special range of 0-1500 psi

(1) Choose PG2500 in Table I

(2) Fill in 1500 in Table VI