

## ST 2000 Smart Transmitter Gage & Absolute Pressure

## Model Selection Guide



### Instructions

- Select the desired Key Number. The arrow to the right marks the selection available.
- Make one selection from each table, I and II, using the column below the proper arrow.
- A dot (•) denotes unrestricted availability. A letter denotes restricted availability.
- Restrictions follow Table II.

Key Number	I	II	III	IV
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### KEY NUMBER

	Nominal Range bar/(psi)	Min Span bar/(psi)	Max. Span bar/(psi)	LRL / URL* bar/(psi)	Over Pressure Limit bar/(psi)	Selection	Availability	
<b>GAUGE</b>	0-2/(0-30)	0.2/(3.0)	3.3/(47)	-1 to 2.3/(-14.5 to 33)	7/(100)	STG20F	↓	
	0-5/(0-70)	0.5/(7)	6.75/(98)	-1 to 5.75/(-14.5 to 83)	12/(174)	STG20G	↓	
	0-10/(0-145)	1/(14.5)	12.5/(181)	-1 to 11.5/(-14.5 to 166)	25/(362)	STG20H	↓	
	0-20/(0-300)	2/(30)	24/(348)	-1 to 23/(-14.5 to 333)	50/(725)	STG20K	↓	
	0-50/(0-725)	5/(72.5)	58.5/(848)	-1 to 57.5/(-14.5 to 833)	120/(1740)	STG20L	↓	
	0-100/(0-1450)	10/(145)	116/(1682)	-1 to 115/(-14.5 to 1667)	250/(3620)	STG20M	↓	
	0-200/(0-2900)	20/(290)	231/(3350)	-1 to 230/(-14.5 to 3335)	500/(7250)	STG20N	↓	
	0-400/(0-5800)	40/(580)	461/(6686)	-1 to 460/(-14.5 to 6671)	600/(8700)	STG20P	↓	
<b>ABS</b>	0-2/(0-30)	0.2/(3.0)	2.3/(33)	0 to 2.3/(0 to 33)	7/(100)	STA201		↓
	0-5/(0-70)	0.5/(7)	5.75/(83)	0 to 5.75/(0 to 83)	12/(174)	STA202		↓
	0-10/(0-145)	1/(14.5)	11.5/(165)	0 to 11.5/(0 to 165)	25/(362)	STA203		↓

\* LRL = Lower Range Limit / URL = Upper Range Limit

TABLE I - METER BODY

	Sensor	Body	O-Ring Material	Selection		
<b>Material of Wetted Parts</b>	Alum. Oxide	AISI 316	Viton	V_	•	•
	Alum. Oxide	AISI 316	Kalrez	K_	•	•
<b>Process Connection</b>	<b>Type</b>	<b>Diaphragm</b>	<b>Max. °C/(°F)</b>	<b>Selection</b>		
	1/2 ANSI B2.1 (NPT-F)	Alum. Ox.	80/(176)	_A	•	•
	1/2 ANSI B2.1 (NPT-F)	AISI 316	130/(266)	_B	•	•
	1/2 ANSI B2.1 (NPT-M)	AISI 316	130/(266)	_C	•	•
	G 1/2 UNI / ISO 228/I	Alum. Ox.	80/(176)	_1	•	•
	1/2 ANSI B2.1 (NPT-M)	Alum. Ox.	80/(176)	_2	•	•
	G 1/2 UNI / ISO 228/I	AISI 316	130/(266)	_3	•	•
	G 1 UNI / ISO 228/I	AISI 316	130/(266)	_4	•	•
	Union nut 65 x 1/6	AISI 316	130/(266)	_5	a	•
	Union nut 78 x 1/6	AISI 316	130/(266)	_6	a	•
	Clamp 1 1/2"	AISI 316	130/(266)	_7	a	•
	Clamp 2"	AISI 316	130/(266)	_8	a	•

Availability  
 ↙ ↘  
 STGxx      STAx

**TABLE II Options**

	Description	Selection		
<b>Calibration</b>	Conformance Certificate	1 __	•	•
	Calibration Certificate	2 __	•	•
<b>Mounting Bracket</b>	None	_ 0 _	•	•
	Mounting Bracket for 2" pipe	_ M _	•	•

Approval Body	Approval Type	Location or Classification		
ATEX (CESI)	Intrinsically Safe	EEx ia IIB, T6, T5, T4 suitable for Zone 0 groups IIA, IIB	-- 1	• •

**TABLE III Manuals**

Manuals				
	English		0	• •
	French		1	• •
	Italian		2	• •
	German		3	• •
	Spanish		4	• •

**TABLE IV Future**

Special			0	• •
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**RESTRICTIONS**

Restriction Letter	Available Only With		Not Available With	
	Table	Selection	Table	Selection
a			I	STG20M, STG20N, STG20P