

SmartLine®

## VersaFlow Converter TWS 9000

SM11 Basic I/O (only for VersaFlow Sonic 1000 clamp-on)

## Model Selection Guide with Price Data

Model Selection Guide  
36-SM-16-06 Issue 19

Honeywell Proprietary

- Installation at any location without process interruption
- Robust design for maximum reliability
- Easy and accurate sensor mounting using Aluminum or SS rail
- Low operating and installation costs
- Minimal maintenance with efficient re-greasing concept
- Rapid signal processing even with product and temperature changes and sudden changes in density
- Accurate plug & play replacement of electronics



### Instructions

Select the desired key number. The arrow to the right marks the selection available.  
Make the desired selections from Tables I through VIII using the column below the proper arrow. A dot (•) denotes availability.

Table	I	II	III	IV	V	VI	VII
SM11	4	---	--	--	--	---	---

List Price equals the sum of prices for all selections made

KEY NUMBER	Description	Selection	Availability
SM11		SM11	↓

### TABLE I

Flow converter	4	•
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### TABLE II

Type	Power Supply	Approvals	Selection	Availability
TWS 9000 F, die cast aluminium field housing with local display	12 - 24 V DC	None; Non-Ex	H _ _	•
TWS 9000 W, polyamide wall housing with local display	24 V DC / AC (19-29V)	ATEX Ex Zone 1 (terminal compartment "d" - F)	N _ _	•
	100-230 VAC (85-250 VAC, 50/60 HZ)	ATEX Ex Zone 1 (terminal compartment "e" - F)	_ 1 _	•
		QPS Class 1 Div 1 (US)	_ 4 _	•
		QPS Class 1 Div 1 (Canada)	_ A _	•
		IECEX zone 1 (terminal compartment "d" - F)	_ _ 0	•
		IECEX zone 1 (terminal compartment "e" - F)	_ _ 1	a
			_ _ 2	a
			_ _ 4	q
			_ _ B	q
			_ _ F	q
			_ _ G	q

### TABLE III

Cable Connection	Program Language	Selection	Availability
3 x 1/2" NPT	German	4 _	•
3 x PF 1/2"	English US	5 _	•
3 x M20 x 1,5	French	6 _	•
	Spanish	_ 1	•
	Italian	_ 3	•
	Portuguese	_ 4	•
	Dutch	_ 8	•
	Swedish	_ H	•
	Chinese	_ K	•
	Russian	_ L	•
		_ M	•
		_ R	•
		_ S	•

### TABLE IV

Custody Transfer	None	0 _	•
Process Diagnostics	Standard	_ 0	•

### TABLE V

Converting Housing	Standard, Honeywell grey St. st. 1.4408/316 (for Field)	1 _	•
No Selection	None	2 _	a
		_ V	•

### TABLE VI

Communication	Basic IO (CO + PO + 2* status)	1 _ _	•
1-st IO Module	None, no module possible	_ 0 _	•
2-nd IO Module	None, no module possible	_ _ 0	•

The minimum value of orders acceptable for Honeywell is Euro 500. Handling fee is the amount of the difference between EUR 500 and the actual purchase price.

**TABLE VII**

		Selection	Availability
<b>Sensor Configuration</b>	Single path; pipe for 1 VersaFlow Sonic 1000 sensor.	0 _ _ _	•
	Dual path; pipe for 2 VersaFlow Sonic 1000 sensors	1 _ _ _	•
<b>Tagplate (F&amp;W only)</b>	Standard, None	_ 0 _ _	•
	316/ 1.4401 tagplate (120 x 46 mm) 4 lines 25 characters per line max.	_ 2 _ _	•
	316 / 1.4401 tagplate (67 x 25 mm) 4 lines 25 characters per line max.	_ 3 _ _	•
		_ 4 _ _	•
<b>Instruction Language</b>	None	_ _ 0 _	•
	German	_ _ 1 _	•
	English	_ _ 3 _	•
	French	_ _ 4 _	•
<b>Destination</b>	Standard, None	_ _ _ 0	•
	Belarus	_ _ _ K	•
	Kazakhstan	_ _ _ B	•
	Russia	_ _ _ R	•

**RESTRICTIONS**

Letter	Restriction		Available only with		Not available with	
	Table	Selection	Table	Selection	Table	Selection
a	II	H _ _				
	II	H _ _				
q	III	4 _ , 6 _				

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