## **Sensor Selection Guide**

# Honeywell



**Sensing for Building Applications** 

Honeywell's complete line of sensor's cover all necessary control applications and mounting options, making Honeywell your best sensor source.

### **Temperature Sensors**

You can count on Honeywell temperature sensors for the latest technology, accurate performance and reliability. Honeywell temperature sensors feature solid-state



components and are impervious to dust and dirt.

They cover a variety of applications that will fit your needs from averaging, immersion and outdoor sensors to duct-mount, wall mount and strap-on sensors.

#### **Current Sensors And Switches**

Honeywell current switches can detect whether current is flowing and then transmit the status to a building management system, DDC or PLC controller. Honeywell



current transmitters measure the level of operating current and can be used to monitor equipment or drive other equipment with a modulating output. Both current switches and transmitters can be used to detect a motor failure, belt loss or slippage, or a mechanical failure to help prevent further damage and reduce downtime. Because Honeywell current sensors are rated at up to 250 amps, you can meet high-amp applications without the need for a transformer. And Honeywell offers current switches with a very low trip point of 0.20 amps.

#### **Humidity Sensors**

Highly accurate, stable humidity transducers designed for use with HVAC controllers, thermostats and direct digital

controllers, Honeywell humidity sensors feature a ceramic technology that's affected by condensation. Applications include room comfort, rooftop units, air handlers, air conditioning and anywhere relative humidity is tightly controlled.

### **Dew Point Sensors**



switch cooling systems ON and OFF, and signal if the temperature is approaching the dew point.

#### CO<sub>2</sub> Sensors

The Honeywell CO<sub>2</sub> sensor includes state-of-the-art non-dispersive infrared (NDIR) technology plus a corrosion-free-designed sensing chamber that provides accurate and stable CO<sub>2</sub> readings for years, avoiding costly and inconvenient re-calibration. A patented gold-plated sensing chamber eliminates a primary source of dirt. Paired with a Honeywell economizer, the Honeywell CO<sub>2</sub> sensor can triple year-round savings over "cooling only" economizing. The sensor is used in demand control ventilation applications to maintain acceptable levels of CO<sub>2</sub> in the space.

#### **Differential Pressure Sensors**

All Honeywell differential pressure sensors offer field selectable 4-20 mA, 0-5 Vdc and 0-10 Vdc outputs, uni- and bi-directional outputs, push button and digital inputs to zero the output, and configurable pressure ranges. Use P7640 dry media sensors in applications where you want measure extremely



low pressure, such as clean rooms, hospitals, fume hoods and computer rooms. Use the PWT Series to monitor and control pump differential pressure, chiller/boiler differential pressure drop and CW/ HW system differential pressure.

#### **Enthalpy Sensors**

Honeywell enthalpy sensors are used with Honeywell economizer logic modules to permit the use of outdoor air as the first stage of cooling in HVAC systems. The



long-lasting solid-state sensing elements are accurate and stable over time. Maximum economizer savings are achieved when two enthalpy sensors are connected to one economizer logic module for differential enthalpy changeover control.

#### Specify Honeywell Sensors And Save

Honeywell sensors have always been competitively priced, and today Honeywell sensors continue to be one of the industry's best values. Add in the fact that their ease-of-installation increases your productivity and you'll see that Honeywell sensors are the smart, cost-effective choice.

## CONTROLLER SPECIFIC TEMPERATURE SENSORS

				On	-Board Sen	sors		Customizable		
	Part Number		Display	Temp	Humidity	CO <sub>2</sub>	Features	Parameters*	Schedule Access**	
	TR71			~				<ul> <li>✓</li> </ul>		
	TR71-H		No	~	<b>v</b>		Temp, Override,	<b>v</b>		
	TR75	1,000	Yes	~			Setpoint Adjustment, Fan	<ul> <li>✓</li> </ul>	✓	
	TR75-H			~	<ul> <li>✓</li> </ul>			<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>	
Spyder Sylk Enhanced	TR42			~			Temp, Override, Setpoint Adjustment, Fan			
nce	TR42-H	72.	Yes	~	<b>v</b>			N/A	N1/A	
yde	TR42-CO2			~		~		N/A	N/A	*For accessing virtually
с S	TR42-H-CO2			~	<b>v</b>	~				any point in the
	TR40			~						controller, balancing from wall module, etc.
	TR40-H		N-	~	<ul> <li>✓</li> </ul>				N1/A	**TR75s also have over
	TR40-CO2		No	~		~	No Interface	N/A	N/A	twice as much memory
	TR40-H-CO2			<b>v</b>	<b>~</b>	~	_			capacity for parameters as TR71's.

	Model Number	Sense	or Type			
	Honeywell TR20 Wireless Sensor	Temp	Humiditv	Selectable Setpoint Adjustment 55° to 85°F, 13° to 30°C or Relative (- to +)	Occupied Override	Comments
	TR21-WK	~				Includes one prebound sensor and receiver.
s* Ind	TR21-WKU	~				Includes one prebound sensor and receiver. No Honeywell logo.
rs a	TR23-WK	~		V	~	Includes one prebound sensor and receiver.
Controllers and Thermostats*	TR23-WKU	~		<b>v</b>	~	Includes one prebound sensor and receiver. No Honeywell logo.
5 Å	TR21-WS	~				Senser only For replacement Dequires a wireless reasiver
	TR23-WS	~		<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>	Sensor only. For replacement. Requires a wireless receiver.
	WRECVR					Wireless receiver only. For replacement. Requires a wireless sensor.

\* Compatible controllers include Spyder, Excel 10, W7750, W7751, W7752, W7753 and non-Honeywell controllers with remote setpoint. Compatible thermostats include T7350, T7351, TB8575 thermostats and non-Honeywell thermostats with remote setpoint.

	Model N	umber		Sens	or Type					
	Honeywell Wall Module Model	Replaces Honeywell Model	Sensor Element Type	Temp	Humidity	Selectable Setpoint Adjustment 55° to 85°F, 13° to 30°C or Relative (- to +)	Occupied Override	LON Jack	Fan Switching	Comments
	TR21	T7770A1006	20K ohms non-linear	~						
	TR21-A	T7770A3002	10K ohms non-linear for averaging only	~						
	TR21-H	N/A		~	~			<ul> <li>✓</li> </ul>		
20	TR21-J	T7770A2004		~				~		
50, 100, 500, Spyder, T7350	TR22	T7770B1004 T7770B1020 T7770B1046		~		V		~		
500, Spy	TR23	T7770C1002 T7770C1028 T7770C1044		~		~	~	~		
ŝ	TR23-H	N/A		~	~	✓	~	~		
,±	TR23-KL	N/A		~		✓	~	~		Knobs not
ы С	TR23-H-KL	N/A		~	~	✓	~	~		included
Excel 10, 15,	TR23-N	T7770C1051		~		<b>v</b>	~	~		No Honeywell logo
ce	TR24	T7770D1000	20K ohms	~			<b>/</b>	<b>v</b>		
ш	TR22-F5	N/A	non-linear	~		<ul> <li>✓</li> </ul>		<ul> <li>✓</li> </ul>	5 position	
	TR23-F3	T7770E1023		~		✓	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>	3 position	Not for use with T7350
	TR23-F5	T7770F1005		<b>v</b>		✓	<b>v</b>	<ul> <li>✓</li> </ul>	5 position	17000
	C7772A1004	N/A		~						No Honeywell logo
	C7772A1012	N/A		~						With Honeywell logo
	T7560A1018	N/A		~		~	~			LCD Display/ white and blue
₽.	T7560A1042	N/A		~		~	~	Ontional	Vee	LCD Display/ all white
×	T7560B1016	N/A		~	~	<b>v</b>	~	Optional	Yes	LCD Display/ white and blue
	T7560B1032	N/A		~	~	<b>v</b>	~			LCD Display/ all white
	KNOB-C	N/A	N/A	N/A	N/A	For use on TR23	N/A	N/A	N/A	Replacement Knob (C°)
	KNOB-F	N/A	N/A	N/A	N/A	For use on TR23	N/A	N/A	N/A	Replacement Knob (F°)
	KNOB-O	N/A	N/A	N/A	N/A	For use on TR23	N/A	N/A	N/A	Replacement Knob +/-

## CONTROLLER SPECIFIC TEMPERATURE SENSORS

	Part Number	Sensing Element/Sensor Type	Color/Mounting	Features	
	T7047C2007	1420 ohms	Taupe, new styling		
	T7047C2015	1420 01111S	Premier white, new styling		
Su	T7047G2008	710 ohms	Taupe, new styling	Averaging only	
Applications	T7047G2016	710 011115	Premier white, new styling	Averaging only	
plic	T7147A2000	1420 ohms		Override	
	T7147A2018	1420 01111S	Taupe, new styling	Override, warmer, cooler	
T7300	T7147G2023	710 ohms		Override, warmer, cooler, averaging only	
14	T7022A1010	1420 ohms	Duct mount		
	C7031G2014ª	PT3000	Outdoor mount	For use with T7350	
	C7031G2006 <sup>b</sup>	1715 ohms	Outdoor mount	For use with W7100	

<sup>a</sup> For use with T7350 applications.

<sup>b</sup> For use with W7100.

	Part Number	Sensing Element	Description	Temperature Range	Use With
	50021579-001		Standard temperature probe	-40° to 350° F (-40° to 177° C)	
	T775-SENS-WR		Water-resistant probe with 5-ft. leads		
	T775-SENS-WT		Water-tight probe with 6-ft. leads	-40° to 270° F (-40° to 132° C)	
	T775-SENS-OAT	1097 ohms at 77° F	Outdoor air temperature sensor	-40° to 158° F (-40° to 70° C)	
	T775-SENS-STRAP		Strap-on	-40° to 250° F (-40° to 121° C)	
T775	C7031D2003		5-in. immersion sensor with wiring box (well included, 50001774-001)	-40° to 350° F (4° to 177° C)	All T775 Series 2000 models
4	C7031B2005		6-in duct with wiring box	-40° to 250° F (-40° to 121° C)	
	C7031J2009		12-in. duct averaging sensor with four elements with wiring box	40° to 180° F (4° to 82° C)	
	C7046D1008		8-in. duct probe with mounting flange	40° to 150° F (4° to 66° C)	
	C7100D1001	1097 ohms at 77° F	12-in. flat response, duct averaging sensor with flange	40° to 220° F (4° to 104° C)	
	C7130B1009		Room mount sensor	-40° to 100° F (-40° to 38° C)	
	C7170B1000		3/8-in. diameter temperature probe	-40° to 250° F (-40° to 121° C)	





T775-SENS-STRAP

## GENERAL TEMPERATURE SENSORS

	Part Number	Sensing Element	Temperature Range	Insertion Length	Туре	Mounting & Application
*	C7150B1004	3K ohms NTC at 77° F	-40° to 110° F (-40° to 43° C)	N/A		Mixed or discharge air sensor
omize	C7660A1000	4 - 20 mA	-40° to 149° F (-40° to 65° C)	N/A	Durat Trans Courses	Dry-bulb temperature sensor
Econ	C7046A1004	3K ohms NTC at 77° F	40° to 150° F (4° to 66° C)	8 in.	Duct - Temp Sensor	Mixed or discharge air concer
Analog Economizer	C7046A1038	3K ohms NTC at 77° F	40° to 150° F (4° to 66° C)	12 in.		Mixed or discharge air sensor
•	C7400A2001	4 - 20 mA	-40° to 150° F (-40° to 66° C)	NA*	Duct - Enthalpy Sensor	Outdoor or return air sensor
mmunicating	C7400S1000	S-bus Temperature & Humidity	-40° to 150° F (-40° to 66° C)	N/A*	Duct - Temp Sensor	Outdoor, return, discharge air sensor
Communicating Economizer	C7250A1001	20K NTC	-40° to 150° F (-40° to 66° C)	N/A*	Duct - Temp Sensor	Outdoor, mixed dry bulb sensor
Other Temp Sensors	C7130A1001	3,484 ohms PTC at 77° F	-40° to 100° F (-40° to 38° C)	N/A		Wall mount
Other Sens	C7130B1009	1,097 ohms PTC at $77^{\circ}$ F	-40° to 100° F (-40° to 38° C)	N/A		Wall mount

\* May be used with Duct Mounting Kit- Part # 50053060-001

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C7041B



C7041D



C7041J



C7041R



C7041F







	Port Number	Sonoing Element	Resistance	Operating Range	Mounting and Application
	Part Number C7021B2005	Sensing Element	Resistance	Range	Mounting and Application
					6" duct w/wiring enclosure
	C7021B2013				12" duct w/wiring enclosure
	C7021C2003			-40° to 250° F	18" duct w/wiring enclosure
	C7021J2007	10K ohms NTC Type II	10K ohms NTC		12' duct averaging w/wiring enclosure
	C7021R2000		at 77°F		12' duct averaging flexible copper
	C7021R2018				24' duct averaging flexible copper
	C7776A1006			450 to 000 E	6" duct probe w/flange, 8.5 in stranded wire
	C7776A1040			45° to 99° F	6" duct probe w/flange, 6 ft plenum cable
	C7023B2005				6" duct w/wiring enclosure
	C7023B2013				12" duct w/wiring enclosure
	C7023C2003				18" duct w/wiring enclosure
	C7023J2007		10K ohms NTC	-40° to 250° F	12' duct averaging w/wiring enclosure
	C7023R2000	10K ohms NTC Type III	at 77°F		12' duct averaging flexible copper
			atri		
	C7023R2018				24' duct averaging flexible copper
	C7778A1006			45° to 99° F	6" duct probe w/flange
Ĕ	C7778A1040				6" duct probe w/flange, 6 ft plenum cable
Duct Mount	C7041B2005				6" duct w/wiring enclosure
ž	C7041B2013				12" duct w/wiring enclosure
ă	C7041C2003			-40° to 250° F	18" duct w/wiring enclosure
-	C7041J2007		20K ohms NTC	-40 10 250 1	12 ft. Duct (Averaging) w/wiring enclosure
	C7041R2000	20K ohms NTC	at 77°F		12 ft. Duct flexible copper (Averaging)
	C7041R2018		a(111		24 ft. Duct flexible copper (Averaging)
	C7770A1006				6" duct probe w/flange
				45° to 99° F	6" duct probe w/flange and 6 ft. plenum rated
	C7770A1040				cable
	C7046D1008		1,097K ohms		8" duct (Discharge probe w/flange)
	C7100D1001	PT1000	PTC at 77°F	40° to 150° F	
	C7100A1015		3,484K ohms		13" duct (Averaging)
	C7100C1003	PT3000	PTC at 77°F	40° to 220° F	
	C7046A1004				8" duct w/flange
				40° to 150° E	
	C7046A1038	3K ohms NTC	3K ohms NTC at 77°F	40° to 150° F	12" duct w/flange
	C7046C1000				8" duct discharge w/flange
	C7150B1004			40° to 250° F	Duct (internal)
	C7046B1010	22.8K ohms NTC	22.8K ohms NTC	40° to 150° F	6" Zone (Discharge w/flange)
	C7100B1013		at 77°F		13" duct (Averaging)
	C7021D2001		10K ohms NTC		6" w/wiring enclosure, use well 50001774-001
	C7021K2005	10K ohms NTC Type II	at 77°F		Strap-on pipe sensor with wiring enclosure
e.	C7023D2001		10K ohms NTC		6" w/wiring enclosure, use well 50001774-001
Water	C7023K2005	10K ohms NTC Type III	at 77°F	-40° to 250° F	Strap-on pipe sensor with wiring enclosure
>	C7041D2001		20K ohms NTC		6" w/wiring enclosure, use well 50001774-001
	C7041K2005	20K ohms NTC	at 77°F		Strap-on with with wiring enclosure
	0704112003		attri		Suap-on with winning enclosure
-	C7021F2009	10K ohms NTC Type II	10K ohms NTC		
door	C7023F2009	10K ohms NTC Type III	at 77°F	400 to 4500 E	Outdoor weatherproof, connects to 1/2"
Onto			20K ohms NTC	-40° to 158° F	conduit
0	C7041F2006	20K ohms NTC	at 77°F		
	0777054004			459 - 000 -	
	C7772F1004			45° to 99° F	Flush wall mount, without logo
	C7772F1012			45° to 99° F	Flush wall mount, with logo
	C7021P2004	10K ohms NTC Type II		-40° to 250° F	Small metal button sensor
	TB-WALL-1014		10K ohms NTC	32° to 122° F	Wall sensor
	TB-WALLOVR-1014		at 77°F	32° to 122° F	Wall sensor with override
	C7772G1004			45° to 99° F	Flush wall mount, without logo
Ħ	C7772G1012	10K ohms NTC Type III		40 10 99" F	Flush wall mount, with logo
Wall Mount	C7023P2004			-40° to 250° F	Small metal button sensor
ž	C7772A1004				Flush wall mount/no logo
Val	C7772A1012	20K ohms NTC	20K ohms NTC	45° to 99° F	Flush wall mount/with logo
5	C7041P2004		at 77°F	-40° to 250° F	Small metal button sensor
	070411 2004		1 007 Ohmo DTO	40 10 200 T	
	C7130B1009	PT1000	1,097 Ohms PTC at 77°F	-40° to 100° F	
			3,484 ohms PTC		Wall mount
	C7130A1001	PT3000	at 77°F	-40° to 250° F	
Zir	C7021N2001	10K ohms NTC Type II	10K ohms NTC		
Water/Air	C7023N2001	10K ohms NTC Type III	at 77°F	-40° to 250° F	Probe Sensor with 6' Lead
Wa	C7041N2020	20K ohms NTC	20K ohms NTC at 77°F		

NOTE: 20K ohms NTC sensors are used with Excel 10, 15, 50, 100 and 500. See controller product data sheets for details. PT1000 sensors are used with Excel 15, 100, 500, and 600. See controller product data sheets for details. PT3000 sensors are used on W7100, W7459, W7215, W7212 an dall economizer modules. 10K ohms NTC Type II sensors are used with TB7600, TB7300, and TB7600 Series communicating thermostats. 10K ohms NTC Type II sensors are used with WEBs-AX I/O Modules.

## CURRENT SENSORS



	Part Number	Description	Core Type	Normally Open or Normally Closed	Trip Point	Operating Range	Output Switch Rating	LEDs
	CSS-O-F5-001			N/O	0.5 A		0.3 A at 200 Vac/Vdc	
	CSS-O-F1-001	"Go/No Go" current	N/O		0.2 A		0.5 A at 200 vac/vuc	Red
	CSS-C-F5-001	switch	Solid	lid N/C	1.0 A	0-250 A	0.15 A at 300 Vac/Vdc	neu
hes	CSS-C-F1-001		3010	N/C	0.5 A	0-250 A	0.15 A at 500 vac/vuc	
vitc	CSS-O-A300-001	Adjustable current		1.0 A to 250 A			Red and	
t Sv	CSS-O-A200-001	switch			0.5 A to 250 A			green
Lent	CSP-O-F15-001	"Go/No Go" current		N/O	2.5 A			Deal
<b>Current Switches</b>	CSP-O-F10-001	switch		N/O	1.5 A	0.000.0	0.3 A at 200 Vac/Vdc	Red
	CSP-O-A300-001		Split		3.0 A to 200 A	0-200 A		
	CSP-O-A200-001	Adjustable current switch			2.0 A to 200 A			Red and green
	CSP-C-A200-001	SWITCH		N/C	2.5 A to 250 A	0-250 A	0.15 A at 300 Vac/Vdc	green



	Part Number	Description	Core Type	Output	Current Range	Туре	Loop Powered	True RMS or average
s	CTS-20-250-AVG-001		Solid		0 100 0 000 0 050 0			Average
mitters	CTS-20-250-VFD-001	Loop powered cur-	Solid	4.00 4	0-100, 0-200, 0-250 A		Yes	True RMS
usu	CTP-20-200-AVG-001	rent sensor	0.11	4-20 mA	0-100, 0-150, 0-200 A		res	Average
nt Tran	CTP-20-050-VFD-001		Split		0.40.0.00.0.50.0	Adjustable		True RMS
Irren	CTS-05-050-VDC-001	0	0-11-1	0-5 Vdc	0-10, 0-20, 0-50 A		NI -	
ชี	CTS-10-250-VDC-001	Current sensors	Solid	0-10 Vdc	0-100, 0-200, 0-250 A		No	Average



	Part Number	Description	Core Type	Normally Open or Normally Closed	Trip Point	Amperage Rating	Output Rating	LEDs
es	MCSS-F	"Go/No Go" Fixed	Solid		0.20 A	0.20 to 150 Amps	0.5A Continuous,	Red LED - Above Trip Point, Blue
Switch	MCSP-F	Mini Current Switch	Split		0.55 A	0.55 to 150 Amps	36 Vac/Vdc	LED - Under Trip Point
<b>Current Switches</b>	MCSS-A	Adjustable Mini	Solid	N/O	0.32-150 Amps	0.32 to 150 Amps continuous	1A Continuous	N/A
Mini (	MCSP-A	Current Switch	Split		0.70-150 Amps	0.70 to 150 Amps continuous	36 Vac/Vdc	N/A



	Part Number	Description	Coil Voltage	Contact Ratings (All SPDT)	Status LED	
lays	CR-DC-5A	5 Amp SPDT Relay	23-31.2Vdc, 15mA@24Vdc	5A (NO)/2A(NC) @ 250Vac, 5A(NO)/3A(NC) @ 125Vac		
Relay	CR-DC-12A	10 Ame CDDT Delev	20-31.2Vdc, 16mA@24Vdc	104 @ 050\/aa 104 @ 20\/da		
пd	CR-12DC-12A	12 Amp SPDT Relay	10-15.6Vdc, 30mA@12Vdc	12A @ 250Vac, 12A @ 30Vdc	Yes	
ma	CR-24AC-10A	10 Amp SPDT Relay	16-26.4Vac, 28mA@24Vac	10A @ 250Vac, 10A @ 24Vdc		
Con	CR-115AC-8A		80-132Vac, 10mA@115Vac			
	CR-230AC-8A	8 Amp SPDT Relay	165-264Vac, 5mA@230Vac	8A @ 250Vac, 8A @ 30Vdc		



H7655B, H7625B, H7635B



C7600B, H7655A

Part Number	Output Signal	RH Accuracy	Mounting & Application	Voltage Supply	Temp Sensor	Use With	Insertion Length
H7625A2010			Wall		20K ohm	T7350, H775, XL50,	
H7625B2006		± 2% from	Duct		at 77° F	XFC, W750B/C, W7753, W7760A/C, W7761	7.5" - "B" model only
H7626A2020		20-95% RH	Wall		1097 ohm	Excel 15, Excel 10, T7350,	N/A
H7626B2024			Duct	18-40 VDC/ 18-28 VAC	at 77°F	T775 Series 2000	7.5" - "B" model only
H7635A2012	Selectable 4-20mA.		Wall			T7350, H775, XL50,	
H7635B2018	0-10Vdc, or 0-5Vdc	± 3% from	Duct		20K ohm at 77° F	XFC, W750B/C, W7753, W7760A/C, W7761	7.5" - "B" model only
H7635C2015		20-95% RH	Outdoor				
H7636A2022			Wall				N/A
H7636B2026			Duct		1097 ohm at 77°F	n Excel 15, Excel 10, T7350, T775 Series 2000	7.5" - "B" model only
H7656B2029		± 5% from 25-95% RH	Duci				N/A
H7655A1001	0-10 Vdc	5%	Wall	16-40 VDC/16-30 VAC	None	Any controller that accepts 0-10 Vdc input	
H7655B2014	Selectable 4-20mA, 0-10Vdc, or 0-5 Vdc	5%	Duct	18-40 VDC/18-28 VAC	20K ohm at 77° F	T7350, H775, XL50, XFC, W750B/C, W7753, W7760A/C, W7761	
C7600A2008	4-20 mA	5% between 30~70% RH	anywhere where it is exposed to freely circulating air	N/A	None	W7600 or controller requiring 4-20 mA reverse acting input	N/A
C7600B2008	2-10 Vdc	+/- 5 between 30-70% RH +/- 7 between 10-90% RH	Wall	16-40 VDC/16-30 VAC		H775 that accepts 2-10 Vdc output	N/A
C7600C2001	4-20 mA	5% between 30~70% RH	anywhere where it is exposed to freely circulating air	N/A		W7600 or controller requiring 4-20 mA reverse acting input	N/A



Dew Point Sensors					
Part Number	Output	Switch	Hysteresis		
HSS-DPS	Potential-free relay with changeover contact	RH>90% ± 3% contact open; RH < 90% ± 3% closed	5% RH		





Carbon Dioxide (CO <sub>2</sub> ) Sensors							
Part Number	Output Signal	20K ohms Temp sensor	Display Screen	Honeywell Logo	Mounting	CO, Range (accuracy)	
C7232A1008			Yes	Yes	Wall Duct (8" insertion length)		
C7232A1016	0/2 to 10 Vdc or 0/4 to 20 mA w/ one adjustable SPST relay output		No	Yes		0 to 2,000 ppm adjustable, - +/- 30 ppm +/- 2% of reading at normal temperature and pressure	
C7232A1024			Yes	No			
C7232A1032		No	No	No			
C7232B1006		INO	Yes	Yes			
C7232B1014			No	Yes			
C7232B1022			Yes	No			
C7232B1030			No	No			
C7262A1008			Yes	Yes	TR20 Series Style Wall	0 to 2,000 ppm adjustable,	
C7262A1016		Yes	No	Yes		+/- 30 ppm +/- 3% of reading from 59°F - 85°F ( 15°C - 30°C)	
C7632A1004	0-10 Vdc (fixed)	No	No	Yes	Wall	0 to 2 000 ppm fixed	
C7632B1002	0-10 Vdc (fixed)	ОИ	No	Yes	Duct	0 to 2,000 ppm fixed	



P7640 Pressure Transducer Models						
Model	Mounting	Selectable W.C. Range	Display	Output	Supply Voltage	
P7640A1000		01", 025", 05", 0-1"	Yes			
P7640A1018	Panel	01,025,05,0-1	No			
P7640A1026		Panel	0-1", 0-2,5", 0-5", 0-10"	Yes		
P7640A1034		0-1,0-2.5,0-5,0-10	No	0-10 Vdc.	12-30 Vdc or 24	
P7640B1008	Duct		Yes	0-5 Vdc, and		
P7640B1016		Duct	01", 025", 05", 0-1"	No	4-20 mA	Vac
P7640B1024			0-1", 0-2,5", 0-5", 0-10"	Yes	selectable	
P7640B1032		0-1,0-2.5,0-5,0-10	No			
P7640U1040	Universal	01", 025", 05", 0-1" 0-2.5", 0-5", 0-10"	No			
P7640U1052	Universal	01", 025", 05", 0-1" 0-2.5", 0-5", 0-10"	Yes			



PWT Series Wet Differential Pressure Transducers					
Model	Selectable Pressure Range	Output	Supply Voltage		
PWT50	0-5, 0-10, 0-25, 0-50 psid	0-10Vdc,	12-30Vdc or 24Vac		
PWT100	0-10, 0-20, 0-50, 0-100 psid	0-5Vdc, and 4-20mA			
PWT250	0-25, 0-50, 0-125, 0-250 psid	selectable			
PW/T BV/ Bypass Valvo (cold	(soparately)				

PWT-BV Bypass Valve (sold separately)



MLH Gauge Pressure Sensors					
Model	Pressure Range	Pressure Connection	Output	Excitation	
MLH050PSCDJ1235	0-50 psig		4-20mA	9.5 Vdc to 30 Vdc	
MLH150PSCDJ1236	0-150 psig	1/4" -18 NPT			
MLH300PSCDJ1237	0-300 psig				
MLH500PSCDJ1240	0-500 psig	1/4" SAE female Schrader			
MLH01KPSCDJ1241	0-1000 psig	1/4 SAE lemale Schrader			

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