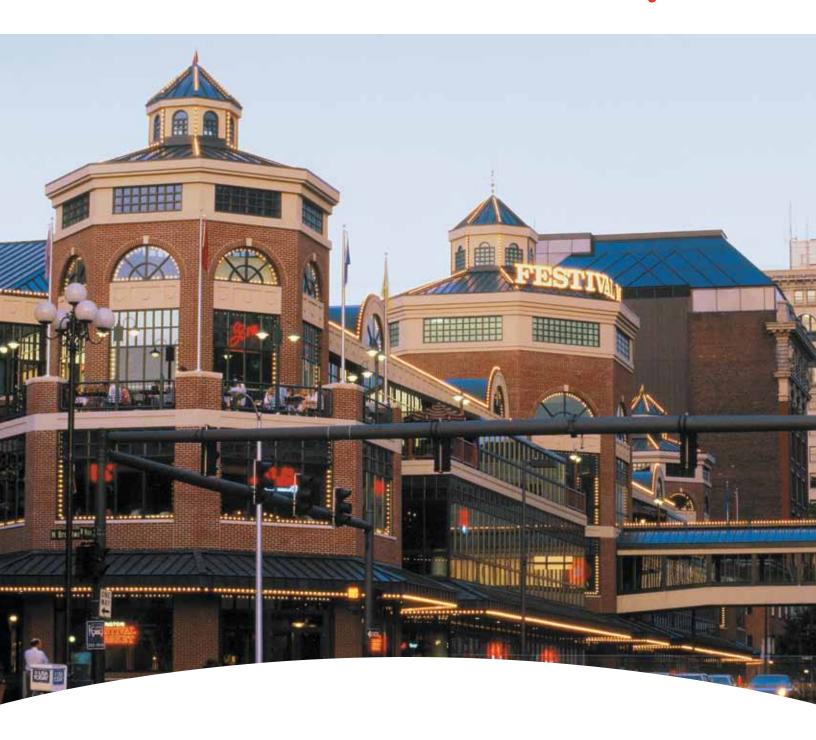
## **Sensor Selection Guide**

# **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**

Suitable for mounting on flat and round surfaces, the Honeywell dew point sensor is used to regulate cooling performance, switch cooling systems ON and OFF, and signal if the temperature is approaching the dew point.

#### CO, Sensors

The Honeywell CO2 sensor includes state-of-the-art non-dispersive infrared (NDIR) technology plus a corrosion-free-designed sensing chamber that provides accurate and stable CO2 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 CO2 sensor can triple year-round savings over "cooling only" economizing. The sensor is used in demand control ventilation applications to maintain acceptable levels of CO2 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.

		Senso	r Type	
			Humid-	
	Part Number	Temp	ity	Description
der //k nced	TR70	~		Customizable, 2-wire, non-polarity sensitive, Sylk bus communicating wall module with network bus jack and LCD panel.
Spyc Syl Enhar	TR70-H	~	~	Customizable, z-wire, non-polarity sensitive, Sylk bus communicating wall module with network bus jack and LCD panel.

	Model Number	Senso	or Type			
	Honeywell TR20 Wireless Sensor	Temp	Humid- ity	Selectable Setpoint Adjustment 55° to 85°F, 13° to 30°C or Relative (- to +)	Occupied Override	Comments
	TR21-WK	<b>V</b>				Includes one prebound sensor and receiver.
Controllers and Thermostats*	TR21-WKU	•				Includes one prebound sensor and receiver. No Honeywell logo.
	TR23-WK	~		<b>✓</b>	<b>/</b>	Includes one prebound sensor and receiver.
rtrolle	TR23-WKU	<b>✓</b>		<b>✓</b>	~	Includes one prebound sensor and receiver. No Honeywell logo.
등론	TR21-WS	<b>/</b>				Same and the same and Describes a windless receives
	TR23-WS	~		<i>V</i>	<b>/</b>	Sensor only. For replacement. Requires a wireless receiver.
	WRECVR					Wireless receiver only. For replacement. Requires a wireless sensor.

<sup>\*</sup> 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		Senso	or Type					
	Honeywell Wall Module Model	Replaces Honeywell Model	Sensor Element Type	Temp	Humid- ity	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	TR21-A T7770A3002 10K ohm: non-linear averaging o		•						
	TR21-H	N/A		~	~			<b>V</b>		
Ö	TR21-J	T7770A2004		~				<b>'</b>		
Spyder, T7350	TR22	T7770B1004 T7770B1020 T7770B1046		~		~		~		
200, Spy	TR23	T7770C1002 T7770C1028 T7770C1044		~		~	•	•		
50, 100, 500,	TR23-H	N/A		~	~	<b>'</b>	<b>/</b>	<b>V</b>		
5	TR23-KL	N/A		~		<b>'</b>	<b>/</b>	~		Knobs not
Excel 10, 15, 50	TR23-H-KL	N/A		~	~	V	<b>V</b>	~		included
	TR23-N	T7770C1051		~		V	~	~		No Honeywell logo
8	TR24	T7770D1000	20K ohms	~			<b>V</b>	<b>V</b>		_
ŭ	TR22-F5	N/A	non-linear	<b>V</b>		<i>'</i>		<b>V</b>	5 position	
	TR23-F3	T7770E1023		<b>/</b>		<b>'</b>	<b>/</b>	<b>/</b>	3 position	Not for use with T7350
	TR23-F5	T7770F1005		<b>/</b>		<b>~</b>	<b>/</b>	<b>/</b>	5 position	17000
	C7772A1004	N/A		~						No Honeywell logo
	C7772A1012	N/A		•						With Honeywell logo
	T7560A1018	N/A		~		<b>'</b>	•			LCD Display/ white and blue
은	T7560A1042	N/A		~		<b>'</b>	~	Ontional	Yes	LCD Display/ all white
×	T7560B1016	N/A		•	<b>'</b>	<i>V</i>	~	Optional	ies	LCD Display/ white and blue
	T7560B1032	N/A		<b>'</b>	~	<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 +/-

	Part Number	Sensing Element/Sensor Type	Color/Mounting	Features	
	T7047C2007	1420 ohms	Taupe, new styling		
S	T7047C2015	1420 0111115	Premier white, new styling		
pplications	T7047G2008	710 ohms	Taupe, new styling	Averaging only	
<u> </u>	T7047G2016	710 0111115	Premier white, new styling	Averaging only	
ᅙ	T7147A2000	1420 ohms		Override	
⋖	T7147A2018	1420 0111115	Taupe, new styling	Override, warmer, cooler	
7300	T7147G2023	710 ohms		Override, warmer, cooler, averaging only	
_	T7022A1010	1420 ohms	Duct mount		
	C7031G2014 <sup>a</sup>	PT3000	Outdoor mount	For use with T7350	

<sup>&</sup>lt;sup>a</sup> For use with T7350 applications.

	Part Number	Sensing Element	Description	Temperature Range	Use With	
	50021579-001		Standard temperature probe			
	T775-SENS-WR		Water-resistant probe with 5-ft. leads	-40° to 270° F (-40° to 132° C)		
	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
4	C7031B2005		6-in duct with wiring box	-40° to 250° F (-40° to 121° C)	2000 models	
	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
<u>*</u>	C7150B1004	3K ohms NTC at 77° F	-40° to 110° F (-40° to 43° C)	N/A		Mixed or discharge air sensor
Economizer	C7660A1000	4 - 20 mA	-40° to 149° F (-40° to 65° C)	N/A	5 . 7 . 0	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 ou dischause eiu seuseu
Analog	C7046A1038	3K ohms NTC at 77° F	40° to 150° F (4° to 66° C)	12 in.		Mixed or discharge air sensor
Ā	C7400A2001	4 - 20 mA	-40° to 150° F (-40° to 66° C)	NA*	Duct - Enthalpy Sensor	Outdoor or return air sensor
nicating mizer	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
Temp	C7130A1001	3,484 ohms PTC at 77° F	-40° to 100° F (-40° to 38° C)	N/A		Wall mount
Other Temp Sensors	C7130B1009	1,097 ohms PTC at 77° F	-40° to 100° F (-40° to 38° C)	N/A		Wall mount

<sup>\*</sup> May be used with Duct Mounting Kit- Part # 50053060-001



C7041B



C7041D



C7041J



C7041R



C7041F



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TB-WALL

C7023K2005	ure ded wire		
C7021B2001   C7021B2002   C7021B2003   C7021B2004   C7021B2005   C7021B2006   C7776A1040   C7028B2005   C777BA1040   C704B2000   C705B2000   C704B2000   C705B2000   C705B20	ure ded wire		
C7021/22003   C7021/22004   Tok ohms NTC Type II   Tok ohms NTC   C7021/22004   Tok ohms NTC   Type III   C7021/22005   C7021/22	ded wire		
Total   Tota	ded wire		
C7021R2000   C7021R2000   C7021R2000   C7021R2010   C702R2013   C7023R2001   C7023R2013   C7023R2001   C7023R2001   C7023R2003   C7023R2000   C702	ded wire		
C7021R2000   C7021R2000   C7076A1006   C7776A1006   C7776A1006   C7776A1040   C7023B2005   C7023B2013   C7023B2005   C7023B2005   C7023B2007   C7023B2008   C7778A1006   C7778A1006   C7778A1006   C7778A1006   C7041B2013   C7041C2003   C7041B2013   C7041C2003   C7041B2014   C7041B2015   C7041B2016   C7770A1006   C7041B2016   C7770A1006   C7041B2016   C7770A1006   C7041B2016   C770A1006   C7041B2016   C770A1006   C7041B2016   C770A1006   C7041B2016   C770A1006   C7041B2016   C700A1015   C7100A1015   C7100A1015   C7100A1015   C7100A1015   C710A1006   C7046A1003   C7046A1003   C7046A1004   C7046A1005   C702302001   C702001   C7020001   C702001   C702001   C7020001   C7020001   C7020001   C7020001   C7020001   C7020001   C70			
C7776A1006   C7776A1040   C7023B2013   C7023S2005   C7023S2007   C7023S2005   C7023S2005   C7023S2005   C7023S2005   C7023S2007   C7023S2005   C7023S2000   C70			
Trype   10			
C7023B2005   C7023B2013   C7023C2003   C7023B2010   C7023R2000   C7023R2018   C7778A1006   C7778A1006   C7778A1006   C7041B2013   C7041B2003   C7041C2003   C7041B2013   C7041C2003   C7041R2008   C7041R2008   C7778A1006   C7041R2018   C7778A1006   C7041R2018   C7778A1006   C7041R2018   C7778A1006   C7041R2018   C7778A1006   C7041R2008   C7041R2008   C7041R2008   C7041R2008   C7041R2008   C7041R2008   C7041R2018   C7040R2003   C7040R2003   C7040R2018   C7040R2005   C70	cable		
C7023B2013   C7023C20003   C7023L20007   C7023R2018   C7023R2000   C7023R2018   C7778A1006   C7778A1040   C7041R2003   C7041R2000   C7041R2003   C7041R2004   C7041R2003   C77041R2005   C7041R2005   C77041R2005   C7041R2006   C7778A1040   C7041R2003   C7041R2006   C7778A1040   C7041R2008   C770A1040   C7041R2008   C7100A1015   C7100A1015   C710A1040   C710A1040   C7046A1038   C710A1040   C7046A1038   C710A1040   C7046A1038   C710A1040   C7046A1038   C7			
Total   Tota			
Total Continue			
12' duct averaging flexible copper   45° to 99° F   6' duct probe w/flange   6' duct w/wiring enclosure   12' duct probe w/flange   12' duct w/dict probe w/flange   12' duct w/flang			
C7023R2018   C7778A1040   C7778A1040   C7041B2005   C7041B2003   C7041B2003   C7041B2004   C7041B2000   C7041B2006   C7041B2006   C7041B2006   C7041B2006   C7041B2006   C7041B2006   C7041B2007   C7041B2000   C7041B2006   C7041B2008   C7041B2008   C7041B2008   C7041B2018   C7770A1006   C7041B2018   C7770A1006   C7041B2018   C7041B2018   C7770A1006   C7041B2018   C7100D1001   C7100D1001   C7100D1001   C7100D1001   C7100D1003   PT3000   PTC at 77°F   A0° to 150° F   E12** duct (Vischarge probe w/flange of cross of control of cross of c	ure		
C7778A1006   C7778A1040   C7778A1040   C77041B2005   C7041B2005   C7041B2005   C7041B2007   C7041B2007   C7041R2000   C7041R2018   C7770A1040   C7046D1008   C77046D1008   C7100D1001   C7100A1015   C7100C1003   C7046A1004   C7046A1004   C7046A1004   C7046B1000   C7046B1010   C			
C7778A1040   C7041B2005   C7041B2003   C7041B2000   C7040B1000   C7040B1000   C7100B1001   C7100B1001   C7046B1000   C70			
C7041B2005   C7041B2007   C7041B2007   C7041B2000   C7040B1000   C7100D1001   C7100D1001   C7100D1001   C7100D1001   C7100D1001   C7100D1001   C7046B1000   C7040B1000   C7040B1000   C7040B1000   C7040B1000   C7040B1000   C70	cable		
C7041R2000   C7041R2018   C7770A1006   C7770A1006   C7770A1006   C7770A1040   C7770A1040   C770A1040   C70A10A1015   C7100C1003   C7100C1003   C7100C1003   C70A6C1000			
C7041R2000   C7041R2018   C7770A1006   C7770A1006   C7770A1006   C7770A1040   C7770A1040   C770A1040   C70A10A1015   C7100C1003   C7100C1003   C7100C1003   C70A6C1000			
C7041R2000   C7041R2018   C7770A1006   C7770A1006   C7770A1006   C7770A1040   C7770A1040   C770A1040   C70A10A1015   C7100C1003   C7100C1003   C7100C1003   C70A6C1000			
C7041R2001	losure		
C7041R2018   C7770A106    C7770A106    C7770A106    C7770A1040    C770A1040    A5° to 99° F    G" duct probe w/flange of duct probe w/flange and 6 ft. pl cable   C7100D1001   C7100D1001   PT3000   PTC at 77°F   A0° to 150° F   G" duct probe w/flange and 6 ft. pl cable   S" duct (Discharge probe w/flange of duct probe w/flange and 6 ft. pl cable   C7100A1015   C7100A1015   PT3000   PTC at 77°F   A0° to 150° F   I3" duct (Averaging)   I2" duct w/flange   I2" duct duct discharge w/flange   I2" duct duct discharge w/flange   I2" duct w/flange   I2" d	ng)		
C7770A1040	ng)		
C7770A1040   C770A1040   C770A1040   C770A1040   C770A1040   C770A1040   C770A1040   C770A1040   C770A1040   C770A1015   C7100A1015   C7100C1003   C70A6A1004   C70A10A1004   C70A10A10			
C7046D1008	num rated		
C7100D1001   PTC at 77°F   A0° to 220° F   13" duct (Averaging)			
C7100C1003			
C7046A1004   C7046A1038   C7046C1000   C7150B1004   C7046B1010   C7040B1013   C7021F2005   C7023F2009   T0K ohms NTC   C7041F2006   C7041F2006   C7041F2004   C7772F1012   C7021F2004   C7772F1012   C7021F2004   C7772F1012   C7021F2004   C7772F1012   C7021F2004   C7772F1012   C7021F2004   C7772F1012   C7021F2004   C77021F2004   C7772F1012   C7021F2004   C77021F2004   C77021F2004   C7772F1012   C7021F2004   C77021F2004   T0K ohms NTC Type II   C7021F2004   T0K ohms NTC Type II   C7772F1012   C77021F2004   T0K ohms NTC Type II   C7772F1012   C7021F2004   T0K ohms NTC Type II   C7772F1012   C77021F2004   T0K ohms NTC Type II   C7772F1012   C7772F1012   T0K ohms NTC Type II   T0K ohms NTC Type II   C7772F1012   T0K o			
C7046A1038   C7046C1000   C7150B1004   C7046B1010   C7046B1010   C7010B1013   C7021F2009   C7023F2009   C7023F2009   C7023F2009   C7021F2004   C70772F1012   C7021F2004   C70772F1012   C7021F2004   C70772F1012   C7021F2004   C70772F1012   C7021F2004   C70772F1012   C7021F2004   C7072F1012   C7021F2004   C7072F1012   C7021F2004   C7072F1012   C7021F2004   C7021F2004   C7072F1012   C7021F2004   C7021F2004			
C7046C1000   C7150B1004   C7046B1010   22.8K ohms NTC   22.8K ohms NTC   at 77°F   40° to 250° F   Duct (internal)			
C7150B1004   C7046B1010   22.8K ohms NTC   22.8K ohms NTC   at 77°F   40° to 150° F   C7040B1013   10K ohms NTC Type II   10K ohms NTC at 77°F   40° to 250° F   C7021K2005   10K ohms NTC Type III   10K ohms NTC at 77°F   40° to 250° F   C7023K2005   C7023K2005   C7041D2001   C7041K2005			
C7046B1010   22.8K ohms NTC   22.8K ohms NTC   at 77°F   40° to 150° F   6" Zone (Discharge w/flange)   13" duct (Averaging)   14" duct (Averaging)   15" duct			
C7100B1013   22.8K ohms NTC   at 77°F   40° to 150°F   13" duct (Averaging)			
C7021D2001   10K ohms NTC Type II   10K ohms NTC at 77°F   20K ohm			
Strap-on pipe sensor with wiring endosure, use well 50	04774 004		
Total Control Contro			
C7041D2001   20K ohms NTC   20K ohms NTC at 77°F   6" w/wiring enclosure, use well 50   Strap-on with with wiring enclosure	6" w/wiring enclosure, use well 50001774-001		
C7041D2001   20K ohms NTC   20K ohms NTC at 77°F   6" w/wiring enclosure, use well 50   Strap-on with with wiring enclosure			
C7041K2005   20K ohms NTC   at 77°F   Strap-on with with wiring enclosure			
C7021F2009   10K ohms NTC Type II   10K ohms NTC   at 77°F   -40° to 158° F   Outdoor weatherproof, connects to conduit   C7023F2009   10K ohms NTC   20K ohms NTC   at 77°F     -40° to 158° F   Outdoor weatherproof, connects to conduit   C7772F1004   C7772F1012   C7021F2004   10K ohms NTC Type II   45° to 99° F   Flush wall mount, with logo   -40° to 250° F   Small metal button sensor			
C7023F2009   10K ohms NTC Type III   at 77°F   20K ohms NTC   20K ohms NTC   at 77°F   -40° to 158°F   Outdoor weatherproof, connects to conduit			
C7772F1004	1 /011		
C7772F1004	1/2		
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	Conduit		
C7772F1012 45° to 99° F Flush wall mount, with logo C7021P2004 10K ohms NTC Type II -40° to 250° F Small metal button sensor			
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 Flush wall mount, without logo			
C7772G1012 10K ohms NTC Type III 45° to 99° F Flush wall mount, with logo			
C7772G1012   10K ohms NTC type III   Filsh wall mount, with logo   -40° to 250° F   Small metal button sensor   Filsh wall mount/no logo   Filsh wall mount/no logo   Filsh wall mount/no logo   Filsh wall mount/with logo   Filsh wall mount/no lo			
20K ohms NTC 45° to 99° F			
C7041P2004 -40° to 250° F Small metal button sensor			
C7130B1009 PT1000 1,097 Ohms PTC at 77°F -40° to 100° F			
3,484 ohms PTC 40% to 050% T			
C7130A1001 PT3000 S, 167 Sillier 170 -40° to 250° F			
C7021N2001 10K ohms NTC Type II 10K ohms NTC			
C7021N2001   10K ohms NTC   20K ohms NTC   20K ohms NTC   10K oh			
C7041N2020 20K ohms NTC 20K ohms NTC			



	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	Solid	N/O	0.2 A			Red
	CSS-C-F5-001	switch		N/C	1.0 A	0-250 A	0.15 A at 300 Vac/Vdc	neu
hes	CSS-C-F1-001	Adjustable current		IV/C	0.5 A			
Switches	CSS-O-A300-001				1.0 A to 250 A			Red and
	CSS-O-A200-001	switch			0.5 A to 250 A			green
en	CSP-O-F15-001	"Go/No Go" current		N/O	2.5 A		0.3 A at 200 Vac/Vdc	DI
Current	CSP-O-F10-001	switch		N/O	1.5 A	0.000.4		Red
	CSP-O-A300-001	Adjustable current switch	Split		3.0 A to 200 A	0-200 A		
	CSP-O-A200-001				2.0 A to 200 A			Red and green
	CSP-C-A200-001			N/C	2.5 A to 250 A	0-250 A	0.15 A at 300 Vac/Vdc	giceii



	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 4			Average	
nitte	CTS-20-250-VFD-001	Loop powered cur-		4-20 mA	0-100, 0-200, 0-250 A		Yes	True RMS	
ansı	CTP-20-200-AVG-001	rent sensor	rent sensor Split 0-5	0 171	4-20 IIIA	0-100, 0-150, 0-200 A	A -1: t - 1-1 -	ies	Average
Ħ H	CTP-20-050-VFD-001	1			0-10, 0-20, 0-50 A	Adjustable		True RMS	
<b>Current Transmitters</b>	CTS-05-050-VDC-001	Comment company		0-5 Vdc				A	
ರ	CTS-10-250-VDC-001	Current sensors	Solid	0-10 Vdc	0-100, 0-200, 0-250 A		No	Average	



H7655B, H7625B, H7635B



C7600B, H7655A

Electronic I	Humidity Senso	ors, 0-100%	RH (some with	temperatu	re sensor	s)	
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	18-40 VDC/	1097 ohm at 77°F	Excel 15, Excel 10, T7350,	N/A
H7626B2024	Selectable 4-20mA, 0-10Vdc, or 0-5Vdc		Duct			T775 Series 2000	7.5" - "B" model only
H7635A2012			Wall	18-28 VAC	20K ohm at 77° F	T7350, H775, XL50, XFC, W750B/C, W7753, W7760A/C, W7761	
H7635B2018		± 3% from	Duct				7.5" - "B" model only
H7635C2015		20-95% RH	Outdoor				
H7636A2022			Wall				N/A
H7636B2026	_		Duct		1097 ohm at 77°F	Excel 15, Excel 10, T7350, T775 Series 2000	7.5" - "B" model only
H7656B2029		± 5% from 25-95% RH	Duct		di 77 1	1770 delies 2000	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 Se	ensors		
Part Number	Output	Switch	Hysteresis
HSS-DPS	Potential-free relay with changeover contact	RH>90% ± 3% contact open; RH < 90% ± 3% closed	5% RH



C7262A1008



Carbon Dioxide (CO <sub>2</sub> ) Sensors								
Part Number	Output Signal	Display Screen	Honeywell Logo	Mounting	CO, Range (accuracy)			
C7232A1008		Yes	Yes					
C7232A1016	0/2 to 10 Vdc or 0/4 to 20 mA w/ one adjustable	No	Yes	Wall				
C7232A1024		Yes	No					
C7232A1032		No	No		0 to 2,000 ppm adjustable, +/- 30 ppm +/- 2% of reading at normal temperature and pressure			
C7232B1006		Yes	Yes	Duct (8" insertion length)				
C7232B1014		No	Yes					
C7232B1022	SPST relay output	Yes	No					
C7232B1030		No	No					
C7262A1008		Yes	Yes	TR20 Series	0 to 2,000 ppm adjustable,			
C7262A1016		No	Yes	Style Wall	+/- 30 ppm +/- 4.5% of reading at normal temperature and pressure			
C7632A1004	0-10 Vdc (fixed)	No	Yes	Wall	0 to 0 000 man fixed			
C7632B1002	0-10 Vdc (fixed)	No	Yes	Duct	0 to 2,000 ppm fixed			



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



ACTOGO	
WT250	
	PWT-BV Bypass Valve (sold separately)

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				



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

#### **Automation and Control Solutions**

In the US:

Honeywell 1985 Douglas Drive North Golden Valley, MN 55422-3992

In Canada:

Honeywell Limited 35 Dynamic Drive Toronto, Ontario M1V 4Z9 customer.honeywell.com



