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## New Smart Temperature Transmitter from Honeywell

In the STT250 family, Honeywell's new STT25T Smart Temperature Transmitter is designed for critical applications that require high uptime and secure operations. The transmitter accepts two temperature sensor inputs: either thermocouples or RTDs or a combination. This sensor redundancy helps ensure continuous measurement in key applications.

The STT25T features an auto sensor drift check that alerts users to problems with sensor accuracy. The transmitter can be configured to auto-check one sensor against the other and generate an alarm if a specific difference occurs between the two values. It also has a hard-wire link for selection of upscale or downscale failsafe in the event of a sensor or other failure. This security feature ensures that even when operating with corrupted memory, the unit will take the appropriate failsafe action.

### Smart Benefits

**Reduced installation costs** - Direct sensor head mounting avoids the costs of installing and wiring separate transmitter housing.



**Easy retrofits** - Its compact size and wide range of supported sensors make it a convenient retrofit for any two-wire temperature transmitter, whether conventional 4-20 mA or HART protocol.

**Reduced maintenance costs** - Online diagnostics and remote access ensure efficient use of maintenance resources.

**More secure operation** - Instant alarm generation on sensor fault and post-read validation ensure operational safety.

**Complete thermal solutions** - A full range of sensors and thermowell accessories is available to enable you to purchase an integrated transmitter/sensor/thermowell solution.

The STT25T is available with the HART protocol or can operate in analog mode. It can be configured with Honeywell's new Pocket PC-based configurator, the MC Toolkit, (see page 2) or with any HART Communication Foundation handheld or PC-based tools.

*WE WANT TO HEAR  
FROM YOU!*

For product information or orders, call our sales department at 404-794-3440 or 800-241-9471

OR

E-mail us at  
[sales@stromquist.com](mailto:sales@stromquist.com)

check stock or  
order on-line at  
[www.stromquist.com](http://www.stromquist.com)

## Employee Spotlight

Stephanie Parker has been working at Stromquist & Company as an inside sales associate since 1990. She is very knowledgeable of all our product lines, but she specializes in Honeywell DDC controls.



Stephanie enjoys talking with the customers she has come to know over the years, and she has made many new friends while working here. She likes the constant pace of her job and because of the varied aspects of the work and the constant challenges, she has always enjoyed working at Stromquist. Stephanie feels that she has been very rewarded with the support she receives from management and co-workers. And that support goes both ways as she is always willing to go the extra mile to help customers and co-workers alike.

After she leaves the office, Stephanie likes to spend her free time with her family, reading and working in her yard.

### YOUR CHOICE

If you would like to receive confirmations, invoices, etc. via fax or e-mail, send your request to [stacie@stromquist.com](mailto:stacie@stromquist.com). Be sure to include your company name, location, e-mail address and/or fax number.

## New Computer System

After months of preparation and training, Stromquist went live on a new computer system on August 4, 2003. Commerce Center from Profit 21 allows us to better serve our customers with a variety of system options. We will be able to look up company names and part numbers quicker and easier, which will save you time when getting quotes or placing orders. Also, you will now have the option of getting confirmations, tracking information, and invoices e-mailed or faxed to you immediately. We hope our customers have nothing but positive experiences with the new system, but we do want to apologize for any inconveniences you may experience. Although all employees were trained extensively before Commerce Center was put into place, there will still be a learning curve until we all get comfortable with it.

Another change you will notice is our new, improved website. Our online ordering is as easy as it was before but with a new look and some improved features. You will now be able to establish multiple shopping lists and take advantage of our new quick order pad. You also will have the ability to view open orders, past purchases, and invoices online. If you would like to start ordering online, go to [www.stromquist.com](http://www.stromquist.com) and click "Logon" and then "Register Now." Please note that even if you had a login on our old online ordering system, you will need to register on the new system as the login information is now different. We would like to thank everyone for their patience in getting used to our new website and for bearing with us while we work out a few glitches. Once you start using the system regularly, you will discover the many great features it has to offer.

## MC Toolkit Handles Multiple Communication Protocols

Now you can configure DE and HART field instruments with a single, compact tool. Designed for ease of use and increased productivity, the Pocket PC-based Honeywell MC Toolkit handles multiple communication protocols, letting you configure, monitor, diagnose, and manage smart devices from Honeywell and other suppliers.

### Online Operation Features

- Automatic verification of device identification and database configuration
- Configuration of range, damping, engineering units, Lower Range Value, Upper Range Value, communication type, etc.
- Menus and prompts for bench setup and calibration
- Full self-diagnostic and device diagnostic support
- Real-time monitoring of transmitter process variables



## Preso Solutions

### Low Cost Transmitter for Low DP Applications

The Preso TAW-D655 Wet/Wet Differential Pressure Transmitter converts a positive differential pressure measurement into a standard 4-20 mA output signal. This unit can be used to measure gas or liquid pressures compatible with 316/316L stainless steel wetted parts.

With an accuracy of +0.5% FS, the TAW-D655 Pressure Transmitter can measure 5.0 inches w.c.d (1.24 kPa), with working pressures up to a maximum 100 psi.

### Special Coatings/Linings

Preso offers coatings and linings for your flowmeters to handle your special needs, such as high temperature or corrosive chemicals. To name a few:

- Teflon
- Epoxy
- Neoprene
- Zinc
- Chromium Carbide
- Titanium Carbide
- High Energy Plasma
- and more

For more information on these or any other Preso products, contact your Stromquist sales rep.

*"People take different roads seeking fulfillment and happiness. Just because they're not on your road doesn't mean they've gotten lost."*

*-H. Jackson Brown Jr.*

## Go LOGO!

LOGO! Modular, the universal logic module from Siemens, makes even your difficult control applications seem easy. This unit enables you to save space, time and money by offering an alternative means of wiring numerous control components. The modularity allows the exact needs of your application to be addressed with virtually no limit to its range of applications. LOGO! is a perfect solution for switching and control and can be used in a wide variety of applications:

- Machine Controls - motors, pumps, valves, air compressors, waste treatment plants, extraction/filtering systems
- Transport Facilities - conveyor systems, elevators, silos, and automatic feed systems
- Operational Monitoring - access control, alarm systems, limit value monitoring
- Home and Building Management - lighting control, door/gate control, sprinkler system control
- HVAC -ventilation systems, heating, cooling, boiler sequence control



Everything is integrated into one extremely compact unit:

- Operator keypad and display panel
- Programming software -- connect function blocks to create desired circuits
- Nonvolatile storage of control program and parameters on internal EEPROM
- Power supply and connectors built in
- 16 timer functions
- 24 counter functions
- 8 time switches
- 3 operating hours counters
- 42 current impulse relays
- 42 latching relays

Modular LOGO! saves room in the control cabinet, requires fewer accessories and less warehouse space, and can be expanded whenever necessary. So it saves not only costs, but also time: as much as 80%. It's easy to install, needs hardly any wiring, is very easy to program, and that's all there is to it.

## Wordsearch is Back

Find and circle all of the words on the right in the puzzle below. Words are hidden vertically, horizontally, diagonally, forward, and backward. Have fun!

J A H W B O S A M E L T B A C T B N H A J  
 B O I L E R S J L O P A N E O Q R I T W I  
 A X F U D M E L M D G O T L N U G K A C T  
 N S S H O T M V C W I O H C F H D I B O A  
 R I I M A C H I N E L B E G I D U R E N M  
 O L G K L P D S F Z K X R B G N E C E G G  
 T P N N Q A G T V H T V M J U T I A S F E  
 I E A O X B O N H A R T A K R A N M P U B  
 N W L L C O U Y D E C V L E A S D N S A P  
 O U F H L J H A T S B E T T T E F L O N R  
 M G K K S N P T I E M R O U I L H C N O W  
 L O I U E H I B G D O A F M O K W L A L L  
 A T T Y N M P R W F M W I E N A T R A M S  
 P E Q A S A L P I Q G T J K I Y E R B G I  
 I H Z N O E J T B H A F H F D X C V M J D  
 U R A J R R G A M I E O Y T I R U C E S A  
 G R E E Z J X V S C B S F R N Y P E A L M  
 T I O D G H O N G M K X C A K I H O P V H

Transmitter  
 Smart  
 Sensor  
 Configuration  
 Toolkit  
 Retrofit  
 Teflon  
 Machine  
 High  
 Monitor  
 Boilers  
 Software  
 Signal  
 HART  
 Thermal  
 Security

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