



SENSORS FOR AUTOMATION

LEVEL • PRESSURE • TEMPERATURE

2016

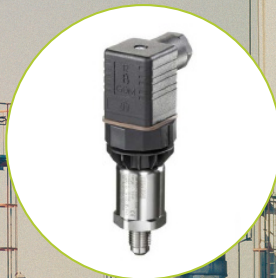


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LEVEL SENSORS

Siemens CLS100 Capacitive Point Level Sensor

Pointek CLS100 is a compact 2-wire inverse frequency shift capacitance switch for level detection in constricted spaces, interfaces, solids, liquids, slurries and foam. Pointek CLS100's short insertion length of 100 mm (4") and versatility in various applications and in vessels or pipes makes it a good replacement for traditional capacitance sensors.

Its advanced tip-sensing technology provides accurate, repeatable switchpoint performance. The PPS (Polyphenylene sulfide) probe [optional PVDF (Polyvinylidene Fluoride)] is chemically resistant with an effective process operating temperature range from -30 to +100 °C (-22 to +212 °F) (7ML5501), and -10 to +100 °C (+14 to +212 °F) (7ML5610). The fully potted design ensures reliability in a vibrating environment such as agitated tanks up to 4 g. When used with a SensGuard protection cover, the CLS100 is protected from shearing, impact and abrasion in tough primary processes.

The Pointek CLS100 is available in three versions. The integral cable version has a stainless steel process connection and probe options of PPS or PVDF. The fully synthetic version has a thermoplastic polyester enclosure with a PPS process connection combined with a PPS probe. The standard enclosure version has a thermoplastic polyester enclosure with a stainless steel process connection in combination with a PPS or PVDF probe.

Popular Models

Model	Description	Price
7ML5501-OAA10	Capacitive Level Switch with 3/4" Process Connection, with General Purpose Rating, and Integral Cable.	\$212
7ML5501-OAA30	Capacitive Level Switch with 3/4" Process Connection, with General Purpose Rating, and PPS Enclosure.	\$256
7ML5501-OAC10	Capacitive Level Switch with 3/4" Process Connection, with Hazardous Area Rating, and Integral Cable.	\$270
7ML5501-OAC30	Capacitive Level Switch with 3/4" Process Connection, with Hazardous Area Rating, and PPS Enclosure.	\$314

Product Specifications

Range:
100mm (4")

Process Temperature:
-30 to 100 °C (-40 to 212 °F)

Process Pressure:
Up to 10 bar g (145 psi g)

Product Benefits

- Easy installation with verification by built-in LED
- Low maintenance with no moving parts
- Sensitivity adjustment
- Integrated cable or PBT enclosure versions available
- Intrinsically Safe, Dust Ignition Proof and General Purpose options available

Please contact FLW Southeast for pricing and availability of other model configurations.

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LEVEL SENSORS

Siemens CLS200 Capacitive Point Level Sensor

Pointek CLS200 is a versatile inverse frequency shift capacitance level switch with optional rod/cable choices and configurable output, ideal for detection of liquids, solids, slurries, foam and interfaces. The digital version (with PROFIBUS PA) includes a display and provides additional diagnostic features. The Pointek CLS200 is offered in standard and digital versions.

The standard version has 3 LED indicators with basic relay and solid-state switch alarms. The digital version provides an integral LCD display for standalone use, and also provides PROFIBUS PA communication (Profile version 3.0, Class B) for connection to a network.

The power supply is galvanically isolated and accepts a wide range of voltages (12 to 250 V AC/DC for standard version and 12 to 30 V DC for digital version). The stainless steel and PPS (PVDF optional) materials used in the probe construction provide a temperature rating up to +125 °C (+257 °F) on the process wetted portion of the probe. The switch responds to any material with a dielectric constant of 1.5 or more by detecting a change in oscillating frequency, and it can be set to detect before contact or on contact with the probe. The CLS200 operates independently of the tank wall or pipe so it does not require an external reference electrode for level detection in a non-conductive vessel such as concrete or plastic.

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Product Specifications

Range:

Rod: 1m (40 inch)

Cable: 25m (82 ft)

Process Temperature:

-40 to 400 °C (-40 ... 752 °F)

Process Pressure:

Up to 35 bar g (511 psi g)

Product Benefits

- Potted construction protects signal circuit from shock, vibration, humidity and/or condensation
- High chemical resistance
- Level detection independent of tank or pipe earth reference
- Insensitive to product buildup due to high frequency oscillation
- High sensitivity allows installation in a wide range of liquids, solids or slurry applications
- Integral LCD display allows for easy setup of CLS200 when you can configure switching threshold, even under the most demanding process conditions (digital version only)
- Extended rod, cable and sanitary versions available
- Standard version: 3 LED indicators for adjustment control, output status and power
- Digital version: integral LCD display, and PROFIBUS PA communication



LEVEL SENSORS

Siemens CLS300 Capacitive Point Level Sensor

Pointek CLS300 is an inverse frequency shift capacitance level switch with optional rod/cable choices and configurable output. It is ideal for detecting liquids, solids, slurries, foam and interfaces in demanding conditions where high pressure and temperatures are present. The digital version (with PROFIBUS PA) includes a display and provides additional diagnostic features.

The Pointek CLS300 is offered in standard and digital versions. The standard version has 3 LED indicators with basic relay or solid-state switch alarms. The digital version provides an integral LCD display for standalone use, with PROFIBUS PA communication (Profile version 3.0, Class B) when required. Solid-state switch alarm is standard. The robust design of CLS300 makes it specifically applicable for heavy solids applications where abrasive materials occur as in the mining industry. The fully potted electronics are unaffected by condensation, dust or vibration.

Wetted parts are made of stainless steel or stainless steel with a PFA shield for high chemical resistance. Ceramic inserts are supplied with high temperature CLS300 devices. Materials with low or high dielectric constants can be accurately detected. The unique Active Shield suppresses interference from material buildup.

The unique modular design of the Pointek CLS300 provides a wide range of configurations, process connections, extensions and approvals to meet the temperature and pressure requirements of specific applications. The modular design makes ordering easier and reduces stocking requirements. A wide range of probe configurations are available, including rod and cable versions.

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Product Specifications

Range:

Rod: 1m (40 inch)

Cable: 25m (82 ft)

Process Temperature:

-40 to 400 °C (-40 ... 752 °F)

Process Pressure:

Up to 35 bar g (511 psi g)

Product Benefits

- Active-Shield technology so measurement is unaffected by material buildup in active shield section
- Performs in extremely abrasive conditions because of solid rod construction
- Standard version: 3 LED indicators for adjustment control, output status and power
- Digital version: integral LCD display, and PROFIBUS PA communication
- Push-button calibration, full-function diagnostics
- Multiple output options



LEVEL SENSORS

Siemens LVL100 Vibrating Point Level Sensor

SITRANS LVL100 is a compact vibrating level switch for use in liquid applications such as overflow, high, low and demand applications, as well as pump protection. It is ideal for use in confined spaces.

SITRANS LVL100 is a compact level switch designed for industrial use in all areas of process technology and can be used with liquids and slurries. With an insertion length of only 40 mm (1.57"), SITRANS LVL100 can be mounted in small pipes and confined space applications. It is also virtually unaffected by the chemical and physical properties of the liquid. The LVL100 can also be used in difficult conditions including turbulence, air bubbles, foam generation, buildup, or strong external vibration.

The tuning fork is piezoelectrically energized and vibrates at its mechanical resonance frequency of approximately 1200 Hz. The vibration frequency changes when the tuning fork is covered by the medium. This change is detected by the integrated oscillator and converted into a switching command. The integrated electronics evaluate the level signal and output a switching signal, directly operating connected devices.

Product Specifications

Range:
40 mm (1.5") insertion

Process Temperature:
-40 to 150 °C (-40 to 302 °F)

Process Pressure:
-1 to 64 bar g (-14.5 to 928 psi g)

Product Benefits

- Proven vibrating level switch technology for liquids
- Compact insertion length of 40 mm (1.57") for confined space applications
- Fault monitoring for corrosion, loss of vibration, or line break to the piezo drive

Popular Models

Model	Description	Price
7ML5745-1AA211-AAO	Vibrating Level Switch with Standard Temperature Range, 3/4" Process Connection, and Relay Output.	\$191
7ML5745-1AA211-AAO	Vibrating Level Switch with Standard Temperature Range, 3/4" Process Connection, and Transistor Output.	\$191
7ML5745-1BA211-AAO	Vibrating Level Switch with Extended Temperature Range, 3/4" Process Connection, and Relay Output.	\$209
7ML5745-1BA211-AAO	Vibrating Level Switch with Extended Temperature Range, 3/4" Process Connection, and Transistor Output.	\$209

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LEVEL SENSORS

Siemens LVL200 Vibrating Point Level Sensor

SITRANS LVL200 is a standard vibrating level switch for use in all liquid and slurry applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 applications.

SITRANS LVL200 is a level switch designed for industrial use in all areas of process technology and can be used with liquids and slurries. With a tuning fork insertion length of only 40 mm (1.57"), SITRANS LVL200 can be mounted in small pipes and applications with confined space. The LVL200 can be used to measure products with a minimum density of $>0.5 \text{ g/cm}^3$ (0.018 lbs/in³). The LVL200 can be used in difficult conditions including turbulence, air bubbles, foam generation, buildup, or strong external vibration.

SITRANS LVL200 continuously monitors faults via frequency evaluation, providing early detection of strong corrosion or damage on the tuning fork, loss of vibration, or a line break to the piezo drive. The tuning fork is piezoelectrically energized and vibrates at its mechanical resonance frequency of approx. 1200 Hz. The vibration frequency changes when the tuning fork is covered by the medium. This change is detected by the integrated oscillator and converted into a switching command. The integrated electronics evaluate the level signal and output a switching signal, directly operating connected devices.

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Product Specifications

Range:

40 mm to 4 m (1.5" to 13 ft)

Process Temperature:

-50 to 250 °C (-58 to 482 °F)

Process Pressure:

-1 to 64 bar g (-14.5 to 928 psi g)

Product Benefits

- Proven vibrating level switch technology for liquids
- Compact insertion length of 40 mm (1.57") for confined space applications
- Fault monitoring for corrosion, loss of vibration or line break to the piezo drive
- SIL 2 qualified for high level and dry run applications
- Hygienic process connections



LEVEL SENSORS

Siemens LVS100 Vibrating Point Level Sensor

SITRANS LVS100 is a vibrating point level switch for bulk solids. SITRANS LVS100 detects high, low or demand levels of dry bulk solids in bins, silos or hoppers.

SITRANS LVS100 has a compact design and can be top, side, or angle mounted. The vibrating fork design ensures the tines are kept clean. The unique design of the fork and crystal assembly eliminates false high level readings even if tines become damaged.

A signal from the electronic circuit excites a crystal in the probe causing the fork to vibrate. If the fork is covered by material, the change in vibration is detected by the electronic circuitry which causes the relay to change state after a one second delay. When the fork is free from material pressure, full vibration resumes and the relay reverts to its normal condition.

Product Specifications

Range:

170 mm to 2 m (6.7" to 6.5 ft)

Process Temperature:

-40 to 150 °C (-40 to 302 °F)

Process Pressure:

Up to 10 bar g (145 psi g)

Product Benefits

- High resistance to mechanical forces
- Strong resistance to external vibrations
- Rotatable enclosure for ease of installation and wiring
- Suitable for point level detection of materials starting at a bulk density of 60 g/l (3.8 lb/ft³)
- Customer desired extensions up to 2000 mm (8")
- Durable short fork option starting at 170 mm (6.7") insertion length

Popular Models

Model	Description	Price
7ML5735-1AB11-OAAO	Vibration Level Switch with Universal Power Supply, DPDT Relay Output, 1 ¼" NPT Process Connection, 170mm Extension Length, and General Purpose Classification.	\$337
7ML5735-1AB11-OBAO	Vibration Level Switch with Universal Power Supply, DPDT Relay Output, 1 ¼" NPT Process Connection, 170mm Extension Length, and Hazardous Area Classification.	\$429

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LEVEL SENSORS

Siemens LVS200 Vibrating Point Level Sensor

SITRANS LVS200 is a vibrating point level switch for high or low levels of bulk solids. The standard LVS200 detects high, low or demand levels of dry bulk solids in bins, silos or hoppers. The liquid/solid interface version can also detect settled solids within liquids or solids within confined spaces such as feed pipes. It is designed to ignore liquids in order to detect the interface between a solid and a liquid.

A pipe extension version is available with either the standard or liquid/solid interface electronics and fork, separated by a customer supplied 1" pipe. SITRANS LVS200 has an optional 4 to 20 mA output for monitoring buildup on the fork to determine when preventative maintenance should be performed in sticky applications.

The LVS200 has a compact design and can be top, side or angle mounted. The vibrating fork design ensures the tines are kept clean. The unique design of the fork and crystal assembly eliminates false high level readings even if tines become damaged.

A signal from the electronic circuit excites a crystal in the probe causing the fork to vibrate. If the fork is covered by material, the change in vibration is detected by the electronic circuitry which causes the relay to change state after a one second delay. When the fork is free from material pressure, full vibration resumes and the relay reverts to its normal condition.

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Product Specifications

Range:

Rigid extension: 165 mm to 4 m
(6.5" to 13 ft)

Cable extension: 700 mm to 20 m
(27.5" to 65 ft)

Process Temperature:

-40 to 150 °C (-40 to 302 °F)

Process Pressure:

Up to 10 bar g (145 psi g)

Product Benefits

- High resistance to mechanical forces
- Strong vibration resistance to high bulk material loads
- Rotatable enclosure
- Suitable for low density material: standard version, 20 g/l (1.3 lb/ft³); liquid/solid interface version, 50 g/l (3 lb/ft³), and low density option min. 5 g/l (0.3 lb/ft³)
- Customer desired extensions up to 20 000 mm (787")
- Optional detection of solids within liquid
- Durable short fork option with 165 mm (6.5 inch) insertion length



LEVEL SENSORS

Siemens ULS200 Ultrasonic Point Level Sensor

SITRANS ULS200 is an ultrasonic non-contacting switch with two switch points for level detection of bulk solids, liquids and slurries in a wide variety of industries; ideal for sticky materials.

The measuring range for bulk solids is max. 3 m (9.8 ft) and 5 m (16.4 ft) for liquids and slurries. Unlike invasive contacting devices, there is no material buildup on the sensor.

The level switch has a rugged design, combining the transducer and electronics in one durable device. It has no moving parts and is virtually maintenance-free.

The transducer, available in ETFE or PVDF copolymer, is inert to most chemicals. This means the device can be used in the chemical, petrochemical, water and wastewater industries. A sanitary version of the ULS200, with an industry standard flange option, is easy to remove from the application for cleaning. It thus satisfies the prerequisites for use in the food, beverage and pharmaceutical industries. The Pointek ULS200 delivers superior performance while reducing maintenance, downtime and equipment replacement costs.

Product Specifications

Range:

Liquids: 0.25 m to 5 m (0.8 to 16 ft)
Solids: 0.25 m to 3 m (0.8 to 10 ft)

Process Temperature:

-40 to 60 °C (-40 to 140 °F)

Process Pressure:

Up to 0.5 bar g (7.25 psig)

Product Benefits

- 2 switch outputs for high-high, high, low and low-low level alarms or pump up/pump down control
- Integral temperature compensation
- AC or DC power supply
- Electronics provided with fail-safe function
- Threaded and sanitary fitting clamp process connections
- Polycarbonate or aluminum enclosures, Type 6/NEMA 6/IP67
- Easy, two-button programming

Popular Models

Model	Description	Price
7ML1510-1KE02	Ultrasonic Level Switch with 24VDC Power, (2) Relay Outputs, 2"NPT Process Connection, and Polycarbonate Housing.	\$900
7ML1510-3KE04	Ultrasonic Level Switch with 120VAC Power, (2) Relay Outputs, 2"NPT Process Connection, and Polycarbonate Housing.	\$1,178
7ML1510-1KE04	Ultrasonic Level Switch with 24VDC Power, (2) Relay Outputs, 2"NPT Process Connection, and Aluminum Housing.	\$1,053
7ML1510-3KA04	Ultrasonic Level Switch with 120VAC Power, (2) Relay Outputs, 2"NPT Process Connection, and Aluminum Housing.	\$1,224

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LEVEL SENSORS

Siemens The Probe Ultrasonic Level Transmitter

The Probe is a short-range integrated ultrasonic level transmitter, ideal for liquids and slurries in open or closed vessels. The transducer is available in PVDF copolymer, making the device suitable for use in a wide variety of applications. The Probe is easy to install and maintain, and can be quickly removed for cleaning as required by the food, beverage and pharmaceutical industries.

The reliability of the level data is based on the Sonic Intelligence echo processing algorithms. A filter discriminates between the true echo and false echoes from acoustic or electrical noises and agitator blades in motion. The ultrasonic pulse propagation time to the material and back is temperature-compensated and converted into distance for display, analog output and relay actuation.

Product Specifications

Range:
0.25 to 5 m (0.8 to 16.4 ft)

Process Temperature:
-40 to 60 °C (-40 to 140 °F)

Output:
One relay, 4 to 20 mA (3-wire)
4 to 20 mA (2-wire)

Product Benefits

- Easy to install, program and maintain
- Accurate and reliable
- Sanitary models available
- Patented Sonic Intelligence® echo processing
- Integral temperature compensation

Popular Models

Model	Description	Price
7ML1201-1EE00	Ultrasonic Level Transmitter with 0 – 5M Measurement Range, 2” NPT Process Connection, and 24VDC 3-Wire Configuration.	\$958
7ML1201-1EF00	Ultrasonic Level Transmitter with 0 – 5M Measurement Range, 2” NPT Process Connection, and 24VDC 2-Wire Configuration.	\$958
7ML1201-2EE00	Ultrasonic Level Transmitter with 0 – 8M Measurement Range, 2” NPT Process Connection, (1) Relay Output, and 24VDC 3-Wire Configuration.	\$1,026

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LEVEL SENSORS

Siemens LU150 Ultrasonic Level Transmitter

SITRANS LU150 is a short-range integrated ultrasonic level transmitter. This general purpose, 2 wire, 4 to 20 mA loop powered transmitter is ideal for liquids, slurries, and bulk materials in open or closed vessels to 5 m (16.4 ft).

The transducer is available in PVDF copolymer, making the device suitable for use in a wide variety of applications. SITRANS LU150 is easy to install and maintain, and can be quickly removed for cleaning as required by the food, beverage and pharmaceutical industries.

The reliability of the level data is based on the Sonic Intelligence echo processing algorithms. A filter discriminates between the true echo and false echoes from acoustic or electrical noises and agitator blades in motion. The ultrasonic pulse propagation time to the material and back is temperature-compensated and converted into distance for display, analog output.

Product Specifications

Range:
0.25 to 5 m (0.8 to 16.4 ft)

Process Temperature:
Standard: -30 to +60 °C
(-22 to +140 °F)
Metallic mounting: -20 to +60 °C
(-4 to +140 °F)

Output:
4 to 20 mA (2-wire)

Product Benefits

- Easy to install, program, and maintain
- Accurate and reliable
- Sanitary models available
- Patented Sonic Intelligence echo processing
- Integral temperature compensation

Popular Models

Model	Description	Price
7ML5201-OECO	Ultrasonic Level Transmitter with 0 – 5M Measurement Range, 2” NPT Process Connection, and 24VDC 2-Wire Configuration.	\$652

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PRESSURE SENSORS

Siemens P200 Pressure Sensor

The SITRANS transmitters P200, P210 and P220 are compact single-range-transmitters for measurement of absolute and gauge pressure. In this series we use two different kinds of pressure sensors: two stainless steel sensors and one ceramics sensor. So the measurement of process pressure, absolute pressure and hydrostatic pressure is an easy thing. The measured pressure will be transformed with these sensors into a 4...20- mA- resp. a 0...10-V-signal.

Product Specifications

Range:
0.25%

Long-Term Stability:
0.25% Annual

Measuring range:
0 - 15 psig to 0 - 1000 psig

Product Benefits

- High measuring accuracy
- Rugged stainless steel enclosure
- High overload withstand capability
- For aggressive and non-aggressive media
- For measuring the pressure of liquids, gases and vapors
- Compact design

Popular Models

Model	Description	Price
7MF1565-4BD00-5BA1	Gauge Pressure Transducer with 0-20 psig Measurement Range, 4-20 mA Analog Output, and ½" NPT Process Connection.	\$297
7MF1565-4BG00-5BA1	Gauge Pressure Transducer with 0-100 psig Measurement Range, 4-20 mA Analog Output, and ½" NPT Process Connection.	\$297
7MF1565-4CE00-5BA1	Gauge Pressure Transducer with 0-500 psig Measurement Range, 4-20 mA Analog Output, and ½" NPT Process Connection.	\$297
7MF1565-4CG00-5BA1	Gauge Pressure Transducer with 0-1000 psig Measurement Range, 4-20 mA Analog Output, and ½" NPT Process Connection.	\$297

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PRESSURE SENSORS

Siemens LH100 Submersible Pressure Sensor

The SITRANS LH100 series pressure transmitter converts the level-proportional hydrostatic pressure into a standardized signal 4 to 20 mA. The transmitter consists of a stainless steel housing (Ø 23,4 mm) with mechanical protection IP 68, a piezo-resistive sensor with ceramic diaphragm. The transmitter cable has a diameter of Ø 6 mm and also contains a vent pipe for connection to the atmosphere.

Product Specifications

Range:

0.3%

Long-Term Stability:

0.25% Annual

Measuring range:

0 – 4 mH₂O (0 – 13.2 ftH₂O) to 0 – 20m H₂O (0 – 66 ftH₂O)

Product Benefits

- Compact design
- Corrosion resistant material
- housing: stainless steel 316L
- cable: sheath made of PE
- cable length: standard 10, 20 or 30 m, special length up to 50 m possible
- Explosion protected version acc. ATEX II 1 G Ex ia IIC T4 Ga and IEC Ex Ex ia IIC T4 Ga available

Standard Measuring Set

- Transmitter
- Cable hanger
- Junction box

Popular Models

Model	Description	Price
7MF1572-2EA10	Submersible Pressure Transmitter with 0-15' H ₂ O Measurement Range, 33' Cable Length, and 4-20 mA Analog Output.	\$663
7MF1572-2HA10	Submersible Pressure Transmitter with 0-30' H ₂ O Measurement Range, 66' Cable Length, and 4-20 mA Analog Output.	\$764
7MF1572-2KA10	Submersible Pressure Transmitter with 0-60' H ₂ O Measurement Range, 98' Cable Length, and 4-20 mA Analog Output.	\$866
7MF1572-8AA	Junction Box.	\$66
7MF1572-8AB	Cable Hanger.	\$17

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TEMPERATURE SENSORS

Siemens TS500 Temperature Sensors

The industry-grade temperature sensor supports a wide range of measuring go from basic applications to solutions in harsh environment. A benefit for the user is the use of standard components even for individual configurations. This ensures the modular concept consisting of a barstock or tubular thermowell, extension and connection head with optional integrated transmitter or display. Version for intrinsic safety, flameproof and non sparking are available.

Product Specifications

Output:

direct sensor signal
4...20 mA (TH100/TH200)
HART (TH300)
PA (TH400)
FF (TH400)

Measurement Range:

Pt 100 Basic: -30...+400 °C
Pt 100 Extended: -196...+600 °C
Thermocouple -196...+1100 °C

Operating Temperature:

-40...+100°C (+85°C with transmitter)

Head Enclosure:

IP54-68 (depends of the type of connection head and cable gland)

Product Benefits

- Exchangeable during operation
- Wide application range due modular design
- Explosions protection according ATEX and IEC EX intrinsic safety, flameproof and non sparking
- With optional local indicator

Popular Models

Model	Description	Price
7MC6522-1KS16-9JA1-Z+NO6+T30	Temperature Transmitter with 4" Insertion Length, 3" Extension, 3/4" NPT Process Connection, RTD Sensor, 2-Wire HART Head Mounted Temperature Transmitter, and 316SS Thermowell.	\$691
7MC6522-1KS22-9JA1-Z+NO6+T30	Temperature Transmitter with 6" Insertion Length, 3" Extension, 3/4" NPT Process Connection, RTD Sensor, 2-Wire HART Head Mounted Temperature Transmitter, and 316SS Thermowell.	\$704
7MC6522-1KS26-9JA1-Z+NO6+T30	Temperature Transmitter with 8" Insertion Length, 3" Extension, 3/4" NPT Process Connection, RTD Sensor, 2-Wire HART Head Mounted Temperature Transmitter, and 316SS Thermowell.	\$743

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PROCESS DISPLAYS

Siemens RD200 Universal Indicator

The Siemens SITRANS RD200 is a universal remote display for level, flow, pressure, temperature, weighing, and other process instruments. Data can be remotely collected, logged and presented from as many as 100 displays on your local computer using the free downloadable RD Software.

The display accepts a single input of current, voltage, T/C, and RTD. This makes the RD200 an ideal fit for use with most field instruments. The RD200 can be set up as a standard panel mount, or combined with optional enclosures to allow it to house up to 6 displays.

Product Benefits

- Easy setup and programming via front panel buttons or remotely using RD software
- Display readable in sunlight
- Universal input: accepts current, voltage, thermocouple, and RTD signals
- Single or dual 24 V DC transmitter power supply
- Analog to Modbus RTU conversion as standard feature
- Two optional relays for alarm indication or process control applications
- Linear or square root function supported
- Meter Copy feature to reduce setup time, cost, and errors
- RD software supports remote configuration, monitoring and logging for up to 100 displays
- Other features include: 4 to 20 mA Analog Output Option, pump alternation control, and optional NEMA 4 and 4X field enclosures
- Large display option for improved visibility at greater distances

Popular Models

Model	Description	Price
7ML5740-1AA01-OA	Universal Process Display with 85-265 VAC Power.	\$218
7ML5740-2AA01-OA	Universal Process Display with 12-24 VDC Power.	\$276
7ML5740-1BB01-OA	Universal Process Display with 85-265 VAC Power, 24 VDC Transmitter Excitation, and (2) Relay Outputs.	\$333
7ML5740-1BC01-OA	Universal Process Display with 85-265 VAC Power, 24 VDC Transmitter Excitation, and (1) 4-20 mA Analog Output.	\$376
7ML1930-1CG	Thermoplastic Enclosure for (1) RD200 Display.	\$183
7ML1930-1CK	Thermoplastic Enclosure for (4) RD200 Displays.	\$373

Please contact FLW Southeast for pricing and availability of other model configurations.

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