

Pressure transmitters

JUMO



Midas S05

| Bar |
|---------|
| -1 / +9 |
| -1 / 24 |
| 0.25 * |
| 0.4 * |
| 0.6 * |
| 1.0 |
| 1.6 |
| 2.5 |
| 4 |
| 6 |
| 10 |
| 16 |
| 25 |
| 40 |
| 60 |

| Bar |
|-----|
| 100 |
| 250 |
| 400 |
| 600 |

Midas HP

| Bar |
|----------------------|
| -1 / 0 |
| -1 / 9 |
| 0.25 |
| 0.4 |
| 0.6 |
| 1 |
| 2.5 |
| 4 |
| 6 |
| 10 |
| 16 |
| 25 |
| 40 |
| 60 |
| 100 |
| 160 |
| 250 |
| 400 |
| 600 |
| 0 - 0.6 bar absolute |
| 0 - 1 bar absolute |

P30-504



P30-571

| Bar |
|------|
| 0.25 |
| 0.4 |
| 0.6 |
| 1 |
| 4 |
| 6 |
| 10 |
| 16 |
| 25 |



P30-613

| Bar |
|-----|
| 0.4 |
| 0.6 |
| 1 |

Midas pressure transmitters.

www.intech.co.nz/midas

| MODEL | DESCRIPTION | PRICE |
|-------------------|--|----------|
| Midas S05 | Pressure transmitter. 2 wire, loop powered. Protection; IP65. Process connection; ¼" BSP. Wetted parts; Stainless steel. Mounting position; Unrestricted. Temperature; Medium, -30~125°C Ambient, -20~125°C Output; 4~20mA. 2 wire, loop powered. U _T = 10~30Vdc. Load resistance; R _L = (U _S -10V) / 0.02A. max. Range; Ranges in gauge pressure; from -1~9 bar to -1~24 bar. and from 0~1.0 bar to 0~60 bar. | \$398.00 |
| * Midas SI | Range; from 0~0.25 bar to 0~0.6 bar. JUMO Datasheet; S05 = 40.1010 SI = 40.1006 | \$398.00 |
| Cable | Angled socket M12 2m cable | \$55.00 |
| Midas HP | High pressure version of Midas S05 / SI - as above except: Range; from 0~100 to 0~600 bar. JUMO Datasheet; 40.1005 | \$498.00 |

www.intech.co.nz/p30

dTRANS P30 pressure transmitter.

| | | |
|--|---|-----------------------------------|
| P30-504 P30-571 P30-613 | Pressure transmitter. 2 wire, loop powered. Protection; IP65. Wetted parts; Stainless steel. Mounting position; Unrestricted. Temperature; Medium, -30~120°C Ambient, -20~100°C Output; 4~20mA. 2 wire, loop powered. U _T = 10~30Vdc. Load resistance; R _L = (U _S -10V) / 0.02A. max. Range; Ranges in gauge pressure; from -1~0 bar to -1~9 bar. and from 0~0.25bar to 0~600bar. Also some ranges in absolute pressure are available. Standard; Process connection; ½" BSP. Flush diaphragm; Process connection; ¾" BSP. Sanitary; Process connection; 1½" triclover. JUMO Datasheet; 40.4366 | \$965.00 \$998.00 \$1055.00 |
| Midas ¼" BSP Adaptor | Adaptor to ¼" BSP taper c/w Teflon Crush Washer | \$36.00 |
| Midas ¼" NPT Adaptor | Adaptor to ¼" NPT taper c/w Teflon Crush Washer | \$36.00 |
| P30 ½" Adaptor | Adaptor to ½" BSP taper c/w Teflon Crush Washer | \$55.00 |

EINTEK



LR-Display Plug in Display. Loop powered.

| MODEL | DESCRIPTION | PRICE |
|-------------------|--|----------|
| LR-Display | Plug in Display. Loop powered. Input; 4~20mA, 2 wire. Display; 4-digit; 7.6mm height. Housing; Plastic. Protection; IP65. | \$290.00 |

LR-Display shown with JUMO P30-504 Pressure Transmitter.

Unicont PDF
Field mounting indicator. Loop powered.

| MODEL | DESCRIPTION | PRICE |
|-------------------------------|---|----------|
| PDF-401 | Field mounting indicator. Loop powered. Mount; Wall mount. Temperature; -25~60°C. Housing; Paint coated aluminium, Display; 6 digit LCD, engineering units and bar graph. Power; 2 wire, 4~20mA Option, 4 wire, 4~20mA/HART Protection; IP67. | \$885.00 |
| PDF-401 Ex marking | Field mounting indicator. Ex version. Specifications as above. Ex 112GEEExia11CT6 / Ex 11GEEExd11BT6 | POA |
| PDF-501 | Housing Option; reinforced plastic. Not available in Ex version. | \$830.00 |



LR-Display
Plug in Display. Loop powered.

| MODEL | DESCRIPTION | PRICE |
|-------------------|--|----------|
| LR-Display | Plug in Display. Loop powered. Input; 4~20mA, 2 wire. Display; 4-digit; 7.6mm height. Housing; Plastic. Protection; IP65. | \$290.00 |



LR-Display shown with
JUMO P30-504 Pressure
Transmitter - see page 60.

LPI-LCD-5
Panel Mount Indicator. Loop powered.

www.intech.co.nz/lpi-lcd

| MODEL | DESCRIPTION | PRICE |
|------------------|---|----------|
| LPI-LCD-5 | Panel mount. Loop powered. Input; 4~20mA, 2 wire. Display; 5-digit LCD of 12.5mm height. Volts Drop; 3.9V @ 20mA. Scaling; Programmable between -19999 to 30000. Max Resolution; 50,000 counts. Accuracy; +/-0.02% of reading plus 2 digits. Decimal Point; Programmable to six positions. Temperature; -10°C to +50°C. Protection; IP65. Housing; Plastic. 96 x 48mm. | \$348.00 |
| Cover | Option: Splash proof lockable security cover; IP65 | \$72.00 |



Unicont PKK
Multifunction limit switch.

| MODEL | DESCRIPTION | PRICE |
|----------------|--|----------|
| PKK-312 | Loop current monitoring relay and digital isolator. Mount; DIN rail. Operating modes; (selectable) Limit switch, Differential switch, Window switch. Supply voltage; 230, 110, 24Vac. 24Vdc. Specify one when ordering. Input; 1~22mA & dry contact. Output; Relay, 8 amps, 250Vac. Transmitter Power Supply; 30v, I _{max} = 70mA. | \$275.00 |



Liquid flow switches

| MODEL | PART No | DESCRIPTION | PRICE |
|-------------|--|--|----------|
| 1200 | 18271 | In line flow switch. Adjustable set point. Temperature; -28~150°C. Pressure; 27 bar @ 38°C max. 82 bar @ 38°C burst strength. Flow setting; Refer to <u>Part No.</u> column for setting range. Switch; 20VA. SPDT. Size; 1" NPT. Housing; Bronze. Shuttle; Teflon. Spring; 316 SS. O ring; Viton A. | \$500.00 |
| | 2.83 to 22.7 l/m 18272 7.57 to 30.3 l/m 18273 18.9 to 56.7 l/m | | |
| 2000 | 12666 | In line flow switch. Fixed set point. Temperature; -28~120°C. Pressure; 103 bar max. Flow setting; Refer to <u>Part No.</u> column. Switch; 50VA. SPST. N/O. Size; 1/2" NPT. Housing; Brass. Piston; Brass. Spring; 316 SS. | \$218.00 |
| | 1.89 l/m 12667 3.78 l/m | | |
| | 12668 5.67 l/m | | |
| | 12669 7.57 l/m | | |
| | 12670 9.46 l/m | | |
| | 12671 11.3 l/m | | |



1200



2000

www.thomasprod.com

Thermal Dispersion flow switch

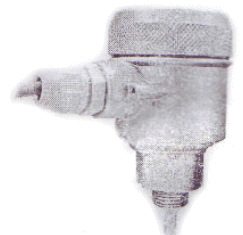
The Thermal Flow Switch Monitor SP200 is based on the principle of thermal dispersion. A typical configuration uses two Temperature Detectors set within the tip of the sensor.

One Temperature Detector is heated a few degrees above the other one. As the process medium flows over the tip of the sensor it disperses some of the heat from the heated Temperature Detector. The delta temperature is a function of flow velocity and converted into electronic signal. The open collector changes state once the set point has been reached.

FEATURES:

- ◆ Detection of flow velocities in pipes
- ◆ LED functions Display
- ◆ Open collector alarm output
- ◆ Relay output option
- ◆ Measuring Range; (Speed)
 - water; 1~150 cm/s
 - oil; 3~300 cm/s
- ◆ Material 316SS

| MODEL | DESCRIPTION | PRICE |
|------------------------------|--|----------|
| SP200 (was SP-150) | Thermal Dispersion flow switch c/w cable. Measuring range; Water: 1~150 cm/s Oil: 3~300 cm/s Temperature; -20~80°C. Pressure; 100 bar max. Alarm output; Open collector NPN / PNP (<400mA). LED indication; Provides visual indication of flow. Housing; 316SS. Enclosure; IP67. Response time; Approx. 10 seconds. Process connection; G1/4". Other sizes available on request. Power supply; 19~30Vdc. Power consumption; 50mA max. Plug cable length; 2 meters. | \$790.00 |
| SP210 | Relay output option fitted | \$75.00 |



SP210 - relay output option fitted



The Thermal Flow Switch Monitor SP200 housing is made of stainless steel, suitable for high pressure, high temperature application. Because of its rugged structure and no moving parts, it can be maintenance-free for most applications.

Level switches



SE280CCRG



SE111C



FF80EFM



FF81EFM



FF10CEQ

| MODEL | DESCRIPTION | PRICE |
|------------------------|--|----------|
| SE280CCRG SE280CCRH | Side mounted rotary level switch. Temperature; -20~70°C. Rotary speed; 1 RPM. Power supply; 240Vac, 50/60 Hz. Switch; 3 amp, 250Vac. SPDT. Mounting; 3/4" BSP Housing; IP65 / PC Cable length; 3m. Cross paddle type. | \$390.00 |
| | Scimitar paddle type. | \$390.00 |
| SE111C | Side mounted rotary level switch. Temperature; -10~70°C. Rotary speed; 1 RPM. Power supply; 240Vac, 50/60 Hz. Switch; 5 amp, 250Vac. SPDT. Mounting; 1" BSP or SS flange 155mmØ. Housing; IP65. Paddle; 304 SS. | \$605.00 |

| MODEL | DESCRIPTION | PRICE |
|---------|---|----------|
| FF80EFM | Side mounted magnetic level switch. Anti -Acid/Alkaline. Flange mount. Temperature; -10~80°C. Switch; 50W/60VA. SPDT reed switch. Magnetic actuation. Mounting; Polypropylene flange. Housing; IP65. Polypropylene. Float; Polypropylene, SG 0.6 44mmØ cylindrical. | \$765.00 |
| FF81EFM | Side mounted magnetic level switch. Anti -Acid/Alkaline. Bulkhead mount. Temperature; -10~80°C. Switch; 50W/60VA. SPDT reed switch. Magnetic actuation. Mounting; M20 bulkhead with nut. Cable; 3m 3 core PVC. Float; Polypropylene, SG 0.6 44mmØ cylindrical. | \$630.00 |

| MODEL | DESCRIPTION | PRICE |
|--------------------|---|----------|
| FF10CEQ FF20CEQ | Side mounted float level switch. Pressure; 15 bar. Switch; 50VA. 250Vac. SPDT. Mounting; 1.5" BSPT. Housing; IP65. aluminium. Float; 304 SS, SG 0.65. 41mmØ cylindrical. | \$665.00 |
| | Standard temperature; -25~100°C. Micro Switch; rating 5A/250Vac | |
| | High temperature; -25~200°C. Reed Switch; rating 1A/30w 220Vac | \$665.00 |

Level and flow switches

| MODEL | DESCRIPTION | PRICE |
|-----------------|---|----------|
| FCV35GD | Top mounted level switch. Temperature; -20~80°C. Pressure; 4 bar. Switch; 50W, 240Vac / 200Vdc. SPST reed switch. Mount; 1/8" BSP. Polysulfone. Float; Polysulfone., SG 0.55 25mmØ cylindrical. | \$49.00 |
| FCH31PD | Side mounted level switch. Temperature; -20~80°C. Pressure; 4 Bar. Switch; 50W, 240Vac / 200Vdc. SPST, N/O, reversible. Mount; 1/2" NPT. Polypropylene. Float; Polypropylene, SG 0.65 17.5mmØ cylindrical. | \$45.00 |
| FCH51PD | Side mounted level switch. Temperature; -20~80°C. Pressure; 4 Bar. Switch; 50W, 240Vac / 200Vdc. SPST, N/O, reversible. Mount; 1/2" NPT. Polypropylene. Thread front & back of hex. Float; Polypropylene, SG 0.55 17.5mmØ cylindrical. | \$45.00 |
| FCH23FD | Side mounted level switch. Temperature; -20~60°C. Pressure; 4 Bar. Switch; 50W, 240Vac / 200Vdc. SPST, N/O, reversible. Mount; 16mm Bulkhead with nut. PVDF. Float; PVDF. SG 0.65. 17.5mmØ cylindrical. | \$49.00 |
| FD3061DE | Top mounted level switch. Temperature; -10~120°C. Pressure; 10 bar. Switch; 50W, 240Vac / 200Vdc. SPST, N/O, reversible. Mount; 1/8" BSP. 316 SS. Float; 316 SS, SG 0.7 28mmØ cylindrical. | \$75.00 |
| FD3062DE | Side mounted level switch. Temperature; -10~120°C. Pressure; 10 bar. Switch; 50W, 240Vac / 200Vdc. SPST, N/O, reversible. Mount; 1/8" BSP. 316 SS. Float; 316 SS, SG 0.7 28mmØ cylindrical. | \$100.00 |
| FD4061DE | Top mounted level switch. Temperature; -10~120°C. Pressure; 35 bar. Switch; 50W, 240Vac / 200Vdc. SPST, N/O, reversible. Mount; 3/8" BSP. 316 SS. Float; 316 SS, SG 0.7. 41mmØ spherical. | \$135.00 |
| SF1800 | Vertically mounted flow switch. Temperature; -30~150°C. Pressure; 24 bar (355 psi g) Switch; 60W/230Vac. SPDT. Mounting; 1" BSP. Housing; IP65. Aluminium. Paddle; 304 SS. Other wetted parts; teflon. | \$460.00 |



FCV35GD



FCH31PD



FCH51PD



FCH23FD



FD3061DE



FD3062DE



FD4061DE



SF1800