

# PRODUCT LIST



## PRODUCTS

- WIRELESS DATA ACQUISITION
- ISOLATORS
- SIGNAL CONDITIONERS
- ALARM TRIPS
- TWO-WIRE TRANSMITTERS
- PROCESS INDICATORS
- MATH FUNCTIONS
- POWER SUPPLIES
- INTEGRATORS
- LEVEL MONITOR/CONTROLLER
- LEVEL SENSORS
- BACKUP PUMP CONTROLLER
- 3-PHASE, PHASE MONITOR



| <b>MODEL</b> | <b>DESCRIPTION</b> |
|--------------|--------------------|
|--------------|--------------------|

**MIGHTY MODULE** Plug In Limit Alarms, Transmitters, Math Functions and Integrators



**DC INPUT**

- MM1000 ..... Single Alarm
- MM1000A ..... Single Alarm
- MM1005 ..... Single Alarm with 24 VDC Power Supply for Two-Wire Transmitter
- MM1020 ..... Dual Alarm
- MM4010 ..... Transmitter
- MM4050 ..... Transmitter, Low Input Span
- MM4300A ..... Isolated Transmitter
- MM4300 ..... Transmitter, Isolated
- MM4310 ..... Transmitter, Isolated, Low Input Span
- MM4380A ..... Transmitter, Isolated, Field Rangeable

**THERMOCOUPLE INPUT**

- MM1200 ..... Single Alarm
- MM1220 ..... Dual Alarm
- MM4100/4100L ..... Transmitter (L = Linearized)
- MM4130/4130L ..... Transmitter, Isolated (L = Linearized)

**RTD INPUT**

- MM1400 ..... Single Alarm
- MM1420 ..... Dual Alarm
- MM4001 ..... Transmitter

**AC INPUT**

- MM1600 ..... Single Alarm
- MM1620 ..... Dual Alarm
- MM6010 ..... Transmitter, Isolated

**STRAIN GAUGE INPUT**

- MM1500 ..... Single Alarm
- MM1520 ..... Dual Alarm
- MM4051 ..... Transmitter

**FREQUENCY INPUT**

- MM1700 ..... Single Alarm
- MM1720 ..... Dual Alarm
- MM7010 ..... Transmitter

**MATH FUNCTION INPUT**

- MM4402/4408 ..... Adder/Subtractor
- MM4410 ..... Multiplier
- MM4420 ..... Divider
- MM4431 ..... Power Function,  $Y = X^m$
- MM7501 ..... Integrator

**POTENTIOMETER POSITION INPUT**

- MM1800 ..... Single Alarm
- MM1820 ..... Dual Alarm
- MM4003 ..... Transmitter

**SUPPORT PRODUCTS**

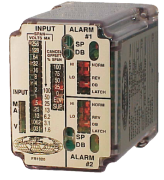
- MM3200 ..... DC Input Valve/Actuator Controller
- MM9046 ..... Regulated DC Power Supply

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**MODEL**                      **DESCRIPTION**

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**FR SERIES™**                      **Field Rangeable Alarm Products**



- DC INPUT**
- FR1000 ..... Single Alarm
  - FR1020 ..... Dual Alarm

**DIN/MOD™**                      **DIN-Rail Mounted Transmitters**



- DC INPUT**
- DM4300A ..... Isolated Transmitter
  - DM4300A-HS ..... Isolated Transmitter (High Speed)
  - DM4380A ..... Transmitter, Isolated, Field Rangeable
  - DM4391 ..... Loop Powered Isolator, Single/Dual
- THERMOCOUPLE INPUT**
- DM4130 ..... Transmitter, Isolated, Field Rangeable, Linearized
- RTD INPUT**
- DM4001 ..... Transmitter, Isolated, Field Rangeable
- AC RMS INPUT**
- DM6010 ..... Transmitter, Isolated, Field Rangeable
- STRAIN GAUGE INPUT**
- DM4051 ..... Transmitter, Isolated, Field Rangeable
- FREQUENCY INPUT**
- DM7010 ..... Transmitter, Isolated, Field Rangeable
- POTENTIOMETER INPUT**
- DM4003 ..... Transmitter, Isolated, Field Rangeable
- SUPPORT PRODUCTS**
- DM3801 ..... Valve Driver, DC Input, ±Proportional Current Output

**DR SERIES™**                      **DIN-Rail Mounted Transmitters**



- DC INPUT**
- DR4300 ..... Transmitter, Isolated
  - DR4302 ..... Dual 4/20 mA DC Output, Splitter
  - DR4380A ..... Transmitter, Isolated, Field Rangeable
- SUPPORT PRODUCTS**
- DR1920 ..... Duplex Lift Station Back-Up Pump Controller
  - DR6305 ..... 3-Phase, Phase Monitor

**LM SERIES™**                      **Level Monitor and Control**



- LM1000 ..... Level Monitor and Control
- LS1000 ..... Submersible Level Sensor  
Pressure Transducer / Transmitter

| <b>MODEL</b> | <b>DESCRIPTION</b> |
|--------------|--------------------|
|--------------|--------------------|

|                   |                             |
|-------------------|-----------------------------|
| <b>LP SERIES™</b> | <b>4/20 mA LCD Displays</b> |
|-------------------|-----------------------------|

**DC INPUT**

- LP400 ..... Loop Powered Display (Field Mount)
- LP420 ..... Loop Powered Display (Explosion Proof)



|                    |  |
|--------------------|--|
| <b>DIS SERIES™</b> | <b>DIS Series I Splashproof Bezel<br/>3½ Digit Display</b> |
|--------------------|--|

**DC INPUT**

- DIS471 ..... Fixed Range
- DIS471-24 ..... 4/20 mA Input, 24 VDC Power Supply  
for Two-Wire Transmitter
- DIS471B-( ) ..... Fixed Range
- DIS471B-R ..... Field Rangeable



**THERMOCOUPLE INPUT**

- DIS474 ..... Linearized Display

|                    |   |
|--------------------|---|
| <b>DIS SERIES™</b> | <b>DIS Series II Splashproof Bezel<br/>3½ or 4½ Digit Display with<br/>Optional Isolated Transmitter<br/>and/or 0, 1, or 2 Alarms</b> |
|--------------------|---|

**DC INPUT**

- DIS871 ..... 3½ Digit Display
- DIS971 ..... 4½ Digit Display
- DIS871/971-24 ..... 3½ Digit Display, 4/20 mA ADC Input with  
24 VDC Power Supply for Two-Wire Transmitters
- DIS871/971-24 ..... 4½ Digit Display, 4/20 mA ADC Input with  
24 VDC Power Supply for Two-Wire Transmitters



**THERMOCOUPLE INPUT**

- DIS874 ..... 3½ Digit Display
- DIS974 ..... 4½ Digit Display

**RTD INPUT**

- DIS873 ..... 3½ Digit Display
- DIS973 ..... 4½ Digit Display

**AC INPUT**

- DIS872 ..... 3½ Digit Display
- DIS972 ..... 4½ Digit Display

**STRAIN GAUGE INPUT**

- DIS878 ..... 3½ Digit Display
- DIS978 ..... 4½ Digit Display

**FREQUENCY INPUT**

- DIS875 ..... 3½ Digit Display
- DIS975 ..... 4½ Digit Display

**POTENTIOMETER POSITION INPUT**

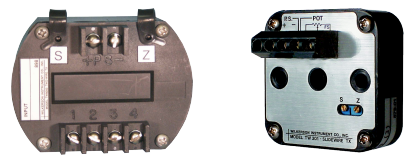
- DIS876 ..... 3½ Digit Display
- DIS976 ..... 4½ Digit Display

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**MODEL**                      **DESCRIPTION**

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**TW SERIES™**                      **Two-Wire Transmitters**



**DC INPUT**  
 TW810X ..... Isolation Optional

**THERMOCOUPLE INPUT**  
 TW304 ..... Low Cost

**RTD INPUT**  
 TW303 ..... Low Cost

**AC INPUT**  
 TW8201 ..... Isolated

**FREQUENCY INPUT**  
 TW850X ..... Isolation Optional

**POTENTIOMETER POSITION INPUT**  
 TW301 ..... Low Cost

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**Silver Series**                      **SC5000 Series Universal Temperature Two-Wire Transmitters**



**THERMOCOUPLE / RTD INPUT**  
 SC5000 ..... Universal Temperature Transmitter  
 SC5010 ..... Universal Temperature Transmitter with Display

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**Silver Series**                      **50 mm Stackable Two-Wire Transmitter**



**RTD INPUT**  
 SF1302 ..... Two-Wire RTD Transmitter

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**Silver Series**                      **50 mm Field Rangeable Two-Wire Transmitter**



**DC INPUT**  
 SR2101 ..... Isolated

**RTD INPUT**  
 SR2300 ..... Non-Isolated

**THERMOCOUPLE INPUT**  
 SR2400 ..... Non-Isolated  
 SR2401 ..... Isolated  
 SR8401 ..... Isolated

**FREQUENCY INPUT**  
 SR2700 ..... Non-Isolated

**POTENTIOMETER INPUT**  
 SR2800 ..... Non-Isolated

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**MODEL****DESCRIPTION**

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**Wireless Signal Conditioning****POINT TO POINT TRANSMITTERS (Requires DR9021)****DC INPUT**

DR9011-01 ..... Dual DC and 4 Discrete Inputs

**STRAIN GAUGE INPUT**

DR9011-02 ..... Single Bridge and 4 Discrete Inputs

**RTD INPUT**

DR9011-03 ..... Single RTD and 4 Discrete Inputs

**POINT TO POINT REPEATER**

DR9011R ..... Point to Point Repeater



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**POINT TO RECEIVER (Requires DR9011)**

DR9021 ..... Dual 4/20 mA DC and 4 Discrete Outputs



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**BI-DIRECTIONAL TRANSCEIVER (Requires 2 sets for Complete System)****DC INPUT**

DR9031-01 ..... Dual DC and 4 Discrete Inputs

**STRAIN GAUGE INPUT**

DR9031-02 ..... Single Bridge and 4 Discrete Inputs

**RTD INPUT**

DR9031-03 ..... Single RTD and 4 Discrete Inputs



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**POLLING (Requires DR9050)****DC INPUT**DR9051R-01 ..... Dual DC and 4 Discrete Inputs  
with Repeater Function**STRAIN GAUGE INPUT**DR9051R-02 ..... Single Bridge and 4 Discrete Inputs  
with Repeater Function**RTD INPUT**DR9051R-02 ..... Single RTD and 4 Discrete Inputs  
with Repeater Function

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**MODBUS RTU OUTPUT (Requires DR9051)**DR9050 ..... Wireless Control Unit  
(3rd Party Master Controller Required)

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**MODEL****DESCRIPTION**

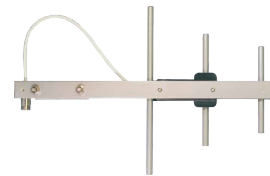
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**Antennas****VERTICAL ANTENNAS**

|           |                                      |
|-----------|--------------------------------------|
| 4008..... | 2.1 dBi Gain 900MHz 1/2 Wave         |
| 4007..... | 2 dBi Gain 2.4GHz 1/2 Wave           |
| 4023..... | 2.1 dBi Gain 900MHz/2.4GHz Dual Band |
| 4275..... | 6 dBi Gain 900MHz                    |
| 4241..... | 8.5 dBi Gain 900MHz                  |

**HEAVY DUTY YAGI ANTENNAS**

|           |  |
|-----------|--|
| 4009..... | 8 dBi Gain 900MHz 3 Element                |
| 4078..... | 11 dBi Gain 900MHz 5 Element               |
| 4079..... | 12 dBi Gain 900MHz 7 Element               |
| 4025..... | 14 dBi Gain 900MHz 10 Element              |
| 4152..... | 16 dBi Gain 900MHz 10 Element Dual Stacked |
| 4079..... | 14 dBi Gain 2.4GHz 16 Element              |

Vertical  
Omni-Directional  
AntennasYagi  
Antenna**Cables**

|               |   |
|---------------|---|
| CPT2          | 2 Ft WBC195 Cable w/ RP-SMA & NM Connector  |
| CPT6          | 6 Ft WBC195 Cable w/ RP-SMA & NM Connector  |
| CPT10         | 10 Ft WBC195 Cable w/ RP-SMA & NM Connector |
| C195NM-NM-2   | 2 Ft WBC195 Cable w/ NM & NM Connector      |
| C400NM-NF-10  | 10 Ft WBC400 Cable w/ NM & NF Connector     |
| C400NM-NF-20  | 20 Ft WBC400 Cable w/ NM & NF Connector     |
| C400NM-NF-30  | 30 Ft WBC400 Cable w/ NM & NF Connector     |
| C400NM-NF-40  | 40 Ft WBC400 Cable w/ NM & NF Connector     |
| C400NM-NF-50  | 50 Ft WBC400 Cable w/ NM & NF Connector     |
| C400NM-NF-75  | 75 Ft WBC400 Cable w/ NM & NF Connector     |
| C400NM-NF-100 | 100 Ft WBC400 Cable w/ NM & NF Connector    |
| C400NM-NM-10  | 10 Ft WBC400 Cable w/ NM & NM Connector     |
| C400NM-NM-20  | 20 Ft WBC400 Cable w/ NM & NM Connector     |
| C400NM-NM-30  | 30 Ft WBC400 Cable w/ NM & NM Connector     |
| C400NM-NM-40  | 40 Ft WBC400 Cable w/ NM & NM Connector     |
| C400NM-NM-50  | 50 Ft WBC400 Cable w/ NM & NM Connector     |
| C400NM-NM-75  | 75 Ft WBC400 Cable w/ NM & NM Connector     |
| C400NM-NM-100 | 100 Ft WBC400 Cable w/ NM & NM Connector    |

# DC ISOLATORS

PROVIDES GALVANICALLY ISOLATED OUTPUT PROPORTIONAL TO DC INPUT



MM4380A  
MM4300  
MM4300A

## MIGHTY MODULE

Field Rangeable Input and Output  
Factory Ranged Input and Output  
Four Models, Combinations of  
4/20 mA and 0/10 V Input and Output

UL/cUL Recognized  
(Some Models)



DR4380A  
DR4300  
DR4302



Field Rangeable Input and Output  
Factory Ranged Input and Output  
4/20 mA In, Dual 4/20 mA Outputs

UL/cUL Recognized



DM4380A  
DM4300A



DM4391

Field Rangeable Input and Output  
Four Models, Combinations of  
4/20 mA and 0/10 V Input and Output  
Loop Powered Isolator, 4/20 mA In and Out

UL/cUL Recognized



SR2101



Isolated 2-Wire Transmitter, Factory Ranged

M168 PMD 4/14



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