PRODUCTS APPLIED FOR

DUST COLLECTION APPLICATION

Dwyer Instruments, Inc.
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Michigan City, IN 46361-9986

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**DIAPHRAGM PULSE VALVES, SERIES DCV/RDCV**

For air pulsing filters
- Remote or integral coil
- NPT or coupling connection
- 3/4˝ to 1-1/2˝

**PILOT SOLENOID VALVES, SERIES RSV**

For triggering remote coil diaphragm valves
- Individual units or prepackaged into enclosures

**DIGITAL TIMERS/CONTROLLERS, SERIES DCT1000/DCT600**

For controlling pulsing of filters
- For on-demand and continuous clean
- Optional pressure modules to eliminate separate pressure sensor
- 4 to 255 channel capability

**SOLENOID VALVE ENCLOSURE WITH TIMER, SERIES SVT**

For controlling pulsing of filters
- Compact all in one enclosure
- 2 to 60 channel capability
- Universal power requirements

**LEVEL CONTROLS**

For monitoring product build up at the bottom of the collector or receiving vessel
- SERIES PLS
  - Isolated magnetic drive
  - Automatic motor shut-off
  - Explosion proof options
- SERIES TFLS
  - Tuning fork level switch
  - Great for changing dielectric constant and low bulk density
  - Easy installation

**BULK HEAD CONNECTORS, SERIES BHC**

For installation of blow tube through the filter
- Eliminates welding in dust collector wall
- Allow easy removal of cleaning systems and blow tubes for maintenance purposes

**PARTICULATE SENSORS/TRANSMITTERS, SERIES PMT2**

For monitoring emissions and detecting broken filters
- 4-20 mA 2-wire installation for PLC + Control Panels
- Remote zero calibration reducing maintenance time
- ATEX and IECEx (IS) models available
DUST COLLECTION APPLICATION

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DUST COLLECTION APPLICATION

Dust Collection
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Dust Collection

WE HAVE ALL YOUR NEEDS
Pulse Valves, Timer Boards, Pressure Gages & More

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via email to info@dwyer-inst.com

DWYER INSTRUMENTS, INC.
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800/872-9541
ELECTRIC VIBRATO RS, SERIES EBV
For vibrating materials jams, bridges or clogs
• Adjustable vibration intensity

PLUG SWITCH, SERIES E, G & ULTRA-MAG™
Stops conveyor operation if material plugs the conveyor
• Diaphragm operated level switch
• Explosion proof rating
• Variety of diaphragm materials to meet different product bulk densities
• Magnetic linkage design that reduces maintenance and improves sensitivity

CABLE PULL SWITCH, SERIES CPS
For stopping the conveyor operation for maintenance or emergency
• Manual reset
• Highly visible red flag

BELT ALIGNMENT SWITCH, SERIES CBAS
Alerts the operator if the belt starts to sway off track
• 2 activation angles
• Adjustable activation angles

SPEED SWITCH, SERIES NSS
For monitoring the speed of the conveyor belt
• Non-contact
• PVC or aluminum housing

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LEVEL CONTROLS, SERIES TFLS
For monitoring full and empty status of bins, transporters, receivers and silos
• Tuning fork level switch
• Great for changing dielectric constant and low bulk density
• Easy installation

SERIES CLS2
• Capacitive level switch
• Perfect for high pressure dense phase conveying systems
• No moving parts to wear, clog or jam

SERIES CRF2
• Capacitive level transmitter
• No moving parts to wear, clog or jam
• Easy push button calibration of zero and span
• Ideal for high pressure dense phase conveying systems

SERIES E, G & ULTRA-MAG™
• Diaphragm operated level switch
• Explosion proof rating
• Variety of diaphragm materials to meet different product bulk densities
• Magnetic linkage design that reduces maintenance and improves sensitivity

LEVEL CONTROLS, SERIES PLS
For monitoring product build up at the bottom of the collector or receiving vessel
• Isolated magnetic drive
• Automatic motor shut-off
• Explosion proof options

DIGITAL TIMERS/CONTROLERS, SERIES DCT500A/600
For controlling pulsed cleaning of bin vent filters
• For on demand and continuous clean
• Potentiometers for easy setting of on and off time

SPRING LESS DIAPHRAGM PULSE VALVES, SERIES DCS/RDCS
For air pulsing filters
• Remote or integral coil
• NPT or coupling connection
• 3/4” to 1-1/2”

PARTICULATE SENSORS/TRANSMITTERS, SERIES PMT2
For monitoring emissions and detecting broken filters
• 4-20mA 2-wire installation for PLC + Control Panels
• Remote zero calibration reducing maintenance time
• ATEX and IEC Ex (IS) models available

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PRODUCTS APPLIED FOR
DENSE PNEUMATIC CONVEYING APPLICATION

PRINCIPLES OF THE APPLICATION

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PRODUCTS APPLIED FOR
BELT CONVEYOR APPLICATION

BELT CONVEYOR APPLICATION
ELECTRIC VIBRATO RS, SERIES EBV
For vibrating material jams, bridges or clogs
• Adjustable vibration intensity
PLUG SWITCH, SERIES E, G & ULTRA-MAG™
Stops conveyor operation if material plugs the conveyor
• Diaphragm operated level switch
• Explosion proof rating
• Variety of diaphragm materials to meet different product bulk densities
• Magnetic linkage design that reduces maintenance and improves sensitivity
CABLE PULL SWITCH, SERIES CPS
For stopping the conveyor operation for maintenance or emergency
• Manual reset
• Highly visible red flag
BELT ALIGNMENT SWITCH, SERIES CBAS
Alerts the operator if the belt starts to sway off track
• 2 activation angles
• Adjustable activation angles
SPEED SWITCH, SERIES NSS
For monitoring the speed of the conveyor belt
• Non-contact
• PVC or aluminum housing

LEVEL CONTROLS, SERIES TFLS
For monitoring full and empty status of bins, transporters, receivers and silos
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SERIES CRF2
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LEVEL CONTROLS, SERIES PLS
For monitoring product build up at the bottom of the collector or receiving vessel
• Isolated magnetic drive
• Automatic motor shut-off
• Explosion proof options

DIGITAL TimERS/CONTROLLERS, SERIES DCT500A/600
For controlling pulsed cleaning of bin vent filters
• For on demand and continuous clean
• Potentiometers for easy setting of on and off time

SPRING LESS DIAPHRAGM PULSE VALVES, SERIES DC5/RDC5
For air pulsing filters
• Remote or integral coil
• NPT or coupling connection
• 3/4˝ to 1-1/2˝

PARTICULATE SENSORS/TRANSmitters, SERIES PMT2
For monitoring emissions and detecting broken filters
• 4-20 mA 2-wire installation for PLC + Control Panels
• Remote zero calibration reducing maintenance time
• ATEX and IECEx (IS) models available
BC-DCPC
--- DIA PH RAG M PULSE VALVES, SERIES D CV/RD CV
For air pulsing filters
• Remote or integral coil
• NPT or coupling connection
• 3/4˝ to 1-1/2˝

PILO T SO LEN O ID VALVES, SERIES RSV
For triggering remote coil diaphragm valves
• Individual units or prepackaged into enclosures

DIG ITAL TIM ERS/CO N TRO LLERS, SERIES D CT1000/D CT600
For controlling pulsing of filters
• For on-demand and continuous clean
• Optional pressure modules to eliminate separate pressure sensor
• 4 to 25 channel capability

SO LEN O ID VALVE EN CLO SURE W ITH TIM ER, SERIES SVT
For controlling pulsing of filters
• Compact all-in-one enclosure
• 2 to 60 channel capability
• Universal power requirements

LEVEL CO N TRO LS
For monitoring product build up at the bottom of the collector or receiving vessel
SERIES PLS
• Isolated magnetic drive
• Automatic motor shut-off
• Explosion proof options

SERIES TFLS
• Tuning fork level switch
• Great for changing dielectric constant and low bulk density
• Easy installation

BULK HEAD CONN ECTO RS, SERIES BH C
For installation of blow tube through the filter
• Eliminates welding in dust collector wall
• Allows easy removal of cleaning systems and blow tubes for maintenance purposes

PARTICULATE SEN SO RS/TRAN SM ITTERS, SERIES PM T2
For monitoring emissions and detecting broken filters
• 4-20 mA 2-wire installation for PLC + Control Panels
• Remote zero calibration reducing maintenance time
• ATEX and IEC Ex (IS) models available