

**Dwyer**<sup>®</sup>  
a DwyerOmega brand



TOTAL INSTRUMENT PACKAGE FOR  
**BULK HANDLING**

Dust Collection | Material Handling, Process & Storage  
Pneumatic Conveying | Concrete Water Add Metering

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# DUST COLLECTION APPLICATION



# PRODUCTS APPLIED FOR DUST COLLECTION APPLICATION

## FILTER CONTROL & MONITORING

For pulse filter control and filter monitoring



### DIAPHRAGM PULSE VALVES | *SERIES DCV/RDCV*

- Remote or integral coil
- NPT or coupling connection
- 3/4" to 1-1/2"



### SOLENOID VALVE ENCLOSURE WITH TIMER | *SERIES SVT*

- Compact all-in-one enclosure
- 2 to 60 channel capability
- Universal power requirements



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

- For on-demand and continuous cleaning
- Optional pressure modules to eliminate separate pressure sensor
- 4 to 255 channel capability



### PILOT SOLENOID VALVES | *SERIES RSV*

- Individual units or prepackaged into enclosures



### DIFFERENTIAL PRESSURE GAGES *SERIES 2000, DM, 3000MR/3000MRS*

- 0 to 250 in w.c.
- Calibration services available



### BULK HEAD CONNECTORS | *SERIES BHC*

- Eliminates welding in dust collector wall
- Allows easy removal of cleaning systems and blow tubes for maintenance purposes



### PARTICULATE SENSORS/TRANSMITTERS | *SERIES PMT2*

- 4-20 mA 2-wire installation for PLC and control panels
- Remote zero calibration reducing maintenance time
- ATEX and IECEx (IS) models available

## LEVEL CONTROLS

For monitoring product build up at the bottom of the collector or receiving vessel



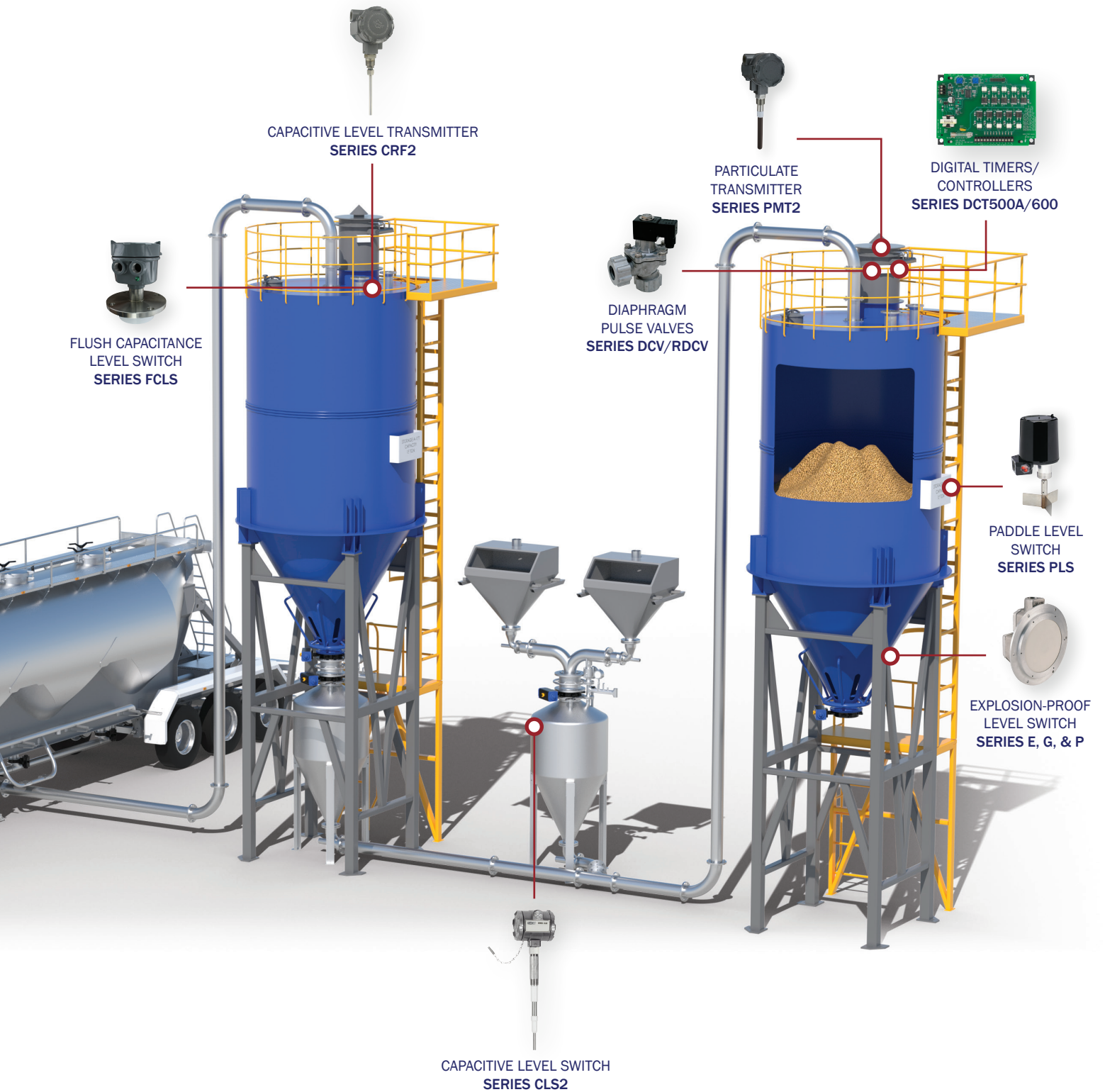
### PADDLE LEVEL SWITCH | *SERIES PLS*

- Isolated magnetic drive
- Automatic motor shut-off
- Explosion-proof options

### TUNING FORK LEVEL SWITCH | *SERIES TFLS*

- Great for changing dielectric constant and low bulk density
- Easy installation

# DENSE PNEUMATIC CONVEYING APPLICATION



# PRODUCTS APPLIED FOR DENSE PNEUMATIC CONVEYING APPLICATION

## LEVEL CONTROLS

For monitoring product build up at the bottom of the collector or receiving vessel



### FLUSH CAPACITANCE LEVEL SWITCH | MODEL FCLS

- Great for changing dielectric constant and low bulk density
- Easy installation



### CAPACITIVE LEVEL SWITCH | SERIES CLS2

- No moving parts to wear, clog or jam



### CAPACITIVE LEVEL TRANSMITTER | SERIES CRF2

- No moving parts to wear, clog or jam
- Easy push button calibration of zero and span



### EXPLOSION-PROOF LEVEL SWITCH | SERIES E, G, & P

- Explosion-proof rating
- Variety of diaphragm materials to meet different product bulk densities
- Magnetic linkage design that reduces maintenance and improves sensitivity



### PADDLE LEVEL SWITCH | SERIES PLS

- Isolated magnetic drive
- Automatic motor shut-off
- Explosion-proof options

## CONTROL & MONITORING

For system control and process monitoring



### DIGITAL TIMERS/CONTROLLERS | SERIES DCT500A/600

- For on-demand and continuous cleaning
- Potentiometers for easy setting of on and off time



### SPRINGLESS DIAPHRAGM PULSE VALVES SERIES DCS/RDCS

- Remote or integral coil
- NPT or coupling connection
- 3/4" to 1-1/2"



### PARTICULATE SENSORS/TRANSMITTERS | SERIES PMT2

- 4-20 mA 2-wire installation for PLC and control panels
- Remote zero calibration, reducing maintenance time
- ATEX and IECEx (IS) models available

# BELT CONVEYOR APPLICATION



## PRODUCTS APPLIED FOR BELT CONVEYOR APPLICATION

### PROCESS CONTROL

For protecting equipment and personnel



#### ELECTRIC OR PISTON VIBRATORS | *SERIES EBV & APV*

- Adjustable vibration intensity



#### EXPLOSION-PROOF LEVEL SWITCH | *SERIES E, G, & P*

- 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*

- Manual reset
- Highly visible red flag

# CONCRETE WATER ADD METERING APPLICATION



## PRODUCTS APPLIED FOR CONCRETE WATER ADD METERING APPLICATION

### FLOW CONTROL

For maintaining water mixtures in concrete



#### VORTEX SHEDDING FLOWMETERS | SERIES CX

- No moving parts to clog or wear
- Easy-to-read menu buttons and bright LED display for visual flow totalization



#### VISI-FLOAT® ACRYLIC FLOWMETERS | SERIES VFC

- Compatible connection options meet diverse applications for optimal functionality
- Hot stamped direct read scales on white background enhance flow rate readability

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