

# 2-PORT TUBE DIVERTER - 2-TDV

Technical data standard configuration

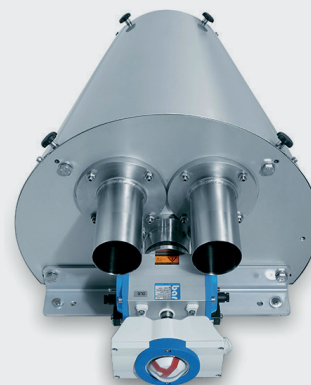
**DMN**  
WESTINGHOUSE

## GENERAL DATA

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| PIPE CONNECTION                         | Imperial                                                  |
| MAXIMUM ALLOWABLE WORKING PRESSURE      | -0,8 up to 3 barg                                         |
| ALLOWABLE CONVEYING PRODUCT TEMPERATURE | -20° up to +100°C (+130°C for short term only)            |
| ATEX 2014/34 EU                         | 1D/2GD Equipment<br>(If required please specify on order) |

## MATERIAL SPECIFICATIONS

|                              |                                                   |                             |
|------------------------------|---------------------------------------------------|-----------------------------|
| COVERS                       | Aluminium or Stainless steel depending on version |                             |
| ALL PRODUCT CONTACT SURFACES | Stainless steel                                   | AISI 316L DIN 1.4408        |
| INFLATABLE SEAL              | EPDM White                                        | FDA approved – EU 1935/2004 |



## DRIVE SPECIFICATIONS

|                   |                                              |
|-------------------|----------------------------------------------|
| AIRTORQUE         | Type DR                                      |
| MEDIUM            | air filtration lubricated or not up to 8 bar |
| TEMPERATURE RANGE | -40C° to +80°C                               |
| WORKING PRESSURE  | 5-8 bar                                      |
| TUBE              | Ø 10mm                                       |

## CONTROL SPECIFICATIONS

|            |                                                                 |
|------------|-----------------------------------------------------------------|
| ACTUATOR   | Solenoid valve 5/2 NAMUR bistable execution with manual control |
| FESTO      | Type VSNC-F-B52-G14-FN                                          |
| MEDIUM     | air filtration lubricated or not up to 8 bar                    |
| CONNECTION | 1/4"                                                            |

|                   |                               |
|-------------------|-------------------------------|
| SOLENOID COIL     |                               |
| FESTO             | Type VACN-N-...               |
| PROTECTION        | IP 65                         |
| SOCKET CONNECTION | M16      Ø 6 ... 8mm          |
| STANDARD VOLTAGE  | 24 V DC 110/ 230 V AC 50/60Hz |
| TEMPERATURE RANGE | -20° up to 60°C               |

|                 |                                              |
|-----------------|----------------------------------------------|
| INFLATABLE SEAL | 3/2 monostable execution with manual control |
| FESTO           | Type MOFH-3-1/8-EX                           |
| MEDIUM          | air filtration lubricated or not up to 8 bar |
| CONNECTION      | 1/8"                                         |

|                   |                               |
|-------------------|-------------------------------|
| SOLENOID COIL     |                               |
| FESTO             | Type MSF-...                  |
| PROTECTION        | IP 65                         |
| SOCKET CONNECTION | M16      Ø 6 ... 8mm          |
| STANDARD VOLTAGE  | 24 V DC 110/ 230 V AC 50/60Hz |
| TEMPERATURE RANGE | -5° up to 40°C                |

|                 |                         |
|-----------------|-------------------------|
| PRESSURE SWITCH |                         |
| FESTO           | Type PEV-1/4-B          |
| PROTECTION      | IP 65                   |
| VOLTAGE         | Max. 125 V DC / 250 VAC |

CODE: 2TDV.T.D.E

COMPONENTS FOR BULK SOLIDS HANDLING



BUILT TO LAST.

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## SWITCH/TERMINAL BOX SPECIFICATION

|                          |                                 |
|--------------------------|---------------------------------|
| <b>ROTECH</b>            | Type ACR3ASTAZ10 Micro switches |
| <b>PROTECTION</b>        | IP 65                           |
| <b>STANDARD VOLTAGE</b>  | 4A, 230 VAC                     |
| <b>TEMPERATURE RANGE</b> | -25° to +85°C                   |
| <b>CABLE GLAND</b>       | M20x1,5 Clamp. range 8...13 mm  |

## OPTIONAL SWITCH/TERMINAL BOX SPECIFICATION

|                                   |                                    |
|-----------------------------------|------------------------------------|
| <b>ROTECH</b>                     | Type APFN412EASEAZ10               |
| <b>INDUCTIVE PROXIMITY SWITCH</b> | Pepperl & Fuchs NBN4-12GM50-E2     |
| <b>PROTECTION</b>                 | IP 65                              |
| <b>STANDARD VOLTAGE</b>           | 10...30 VDC 3-wire PNP NO 0-200 mA |
| <b>TEMPERATURE RANGE</b>          | -25° to +70°C                      |
| <b>CABLE GLAND</b>                | M20x1,5 Clamp. range 8...13 mm     |