

MULTI PORT TUBE DIVERTER - M-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/3D Equipment (If required please specify on order)

Upwards conveying and diverging is not recommended

MATERIAL SPECIFICATIONS

FRONT- AND END COVER	Aluminium	5754
PROTECTION COVERS	Stainless steel	AISI 316L DIN 1.4404
PIPING	Stainless steel	AISI 316L DIN 1.4404
INFLATABLE SEAL	EPDM White	FDA approved – EU 1935/2004

DRIVE SPECIFICATIONS

GEARMOTOR	SEW drive RF37/R DRN71M4/TF/EK8C with incremental encoder
MOTOR POWER	0.37kW
SPEED	23 rpm / 50Hz
ELECTRICAL SUPPLY	230/400 Volt 50Hz
PROTECTION	IP55
ISOLATION	F

CONTROL SPECIFICATIONS

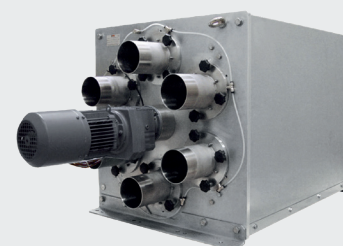
POSITION CONTROLLER	
KEBA/LTI - LUST	Type CDB32.003 C3.7
TERMINAL EXTENSION MODULE	Type UM-8I4O, 2.0
RATED MOTOR OUTPUT	0.375 kW
SUPPLY VOLTAGE	1 x 230 V (-20%...+15%) 50/60 Hz
NOMINAL OUTPUT CURRENT	2,4 A / 4,3 A Peak for 30 s
PROTECTION	IP 20
AMBIENT TEMPERATURE	-10 +45 Degree C (...+ 55 with derating)

For more information about KEBA/LTI products see: <https://www.keba.com/de/industrial-automation/keba-lti>

INFLATABLE SEAL	Solenoid valve 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



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SENSOR SPECIFICATIONS

INDUCTIVE PROXIMITY SWITCH	PEPPERL & FUCHS
FOR REFERENCE RUN	Type NCB5-18GM40-Z1
	DC sensor (2 wire)
	Nominal voltage: 5...60 V DC
	Normally closed
	-25° to +70°C

TERMINAL BOX SPECIFICATION

ROSE	
MATERIAL	Polyester
PROTECTION	IP 66