

SINGLE PIPE PLUG DIVERTER - SPTDS

Technical data standard configuration

DMN
WESTINGHOUSE

GENERAL DATA

FLANGE CONNECTION	See dimensional drawing
MAXIMUM ALLOWABLE WORKING PRESSURE	-0,5 up to 1 barg
ALLOWABLE CONVEYING PRODUCT TEMPERATURE	-25° up to 80°C
MAXIMUM ALLOWABLE WORKING TEMPERATURE	-20° up to 60°C
ATEX 2014/34/EU	1D/2GD Equipment (If required please specify on order)

MATERIAL SPECIFICATIONS

CAST HOUSING/END COVERS/PLUG [2]	Aluminium	G-Al Si 7 MG WA
OPTIONAL PLUG COATING [2HA]	Anodized	
OPTIONAL PLUG LINER [2SSI]	Stainless steel	AISI 316L DIN 1.4404
STATIC SEAL	Silicone	FDA approved – EU 1935/2004

DRIVE SPECIFICATIONS

AIRTORQUE	Type DR
MEDIUM	Air filtration lubricated or not up to 8 bar
TEMPERATURE RANGE	-40°C to +80°C
WORKING PRESSURE	5-8 bar
TUBE	Ø 10mm
AIR CONSUMPTION	Volume /double stroke 2,25 L

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

SWITCH/TERMINAL BOX SPECIFICATION

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

OPTIONAL SWITCH/TERMINAL BOX SPECIFICATION

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

