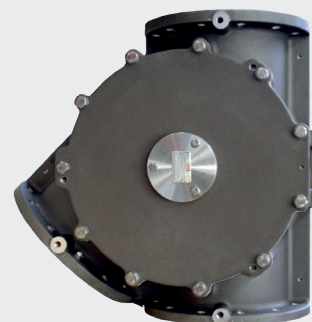


SINGLE PIPE PLUG DIVERTER - SPTD

Technical data standard configuration

GENERAL DATA

FLANGE CONNECTION	Round PN 10 or ANSI 150 lbs
MAXIMUM ALLOWABLE WORKING PRESSURE	-0,5 up to 3 barg
INFLATABLE SEAL:	-0,5 up to 6 barg (castings will be hydrostatic tested on order)
ALLOWABLE CONVEYING PRODUCT TEMPERATURE	-25° up to 80°C
MAXIMUM ALLOWABLE WORKING TEMPERATURE	-5° up to 40°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
INFLATABLE SEAL	Silicone	FDA approved – EU 1935/2004

DRIVE SPECIFICATIONS

DOUBLE ACTING PNEUMATIC ACTUATOR	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

SPTD SIZE	150	200	250-300
AIR CONSUMPTION AT 6 BAR IN LTR/STROKE	2	2.6	5.5

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

SINGLE PIPE PLUG DIVERTER - SPTD

Technical data standard configuration



INFLATABLE SEAL	Solenoid valve 3/2 monostable execution with manual control
FESTO	Type MFH-3-1/4-EX
MEDIUM	air filtration lubricated or not up to 8 bar
CONNECTION	1/4"

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°C up to 40°C

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

SENSOR SPECIFICATION

INDUCTIVE PROXIMITY SWITCH	PEPPERL & FUCHS
STANDARD	Type NBB5-18GM50-E2 D.C. sensor (3 wire) Nominal voltage: 10 ... 30 V DC Normally open PNP Ambient temprature: -25°C ... +70°C
OPTIONAL	Type NCB5-18GM40-NO NAMUR DIN 19234 sensor (2 wire) Nominal voltage: 8 V DC Ambient temprature: -25°C ... +100°C
OPTIONAL	Type NBB5-18GM60-WS A.C. sensor (3 wire) Nominal voltage: 20 ... 250 V AC Normally open PNP Ambient temprature: -25°C ... +70°C

TERMINAL BOX SPECIFICATION

ROSE	
MATERIAL	Polyester
PROTECTION	IP 66