

GRAVITY PLUG DIVERTER - GPD

Technical data standard configuration

DMN
WESTINGHOUSE

GENERAL DATA

FLANGE CONNECTION	Round PN 10 or ANSI 150
ALLOWABLE CONVEYING PRODUCT TEMPERATURE	-10° up to 80°C
ATEX 2014/34/EU	1D/2GD Equipment If required please specify on order.

MATERIAL SPECIFICATIONS

HOUSING/COVER	Cast Iron	EN-GJL-250
	Aluminium	G-AL Zn10SP
	Stainless steel	AISI 316
PLUG	Stainless steel	AISI 316
	Mild steel	
	Hardox 450	



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

GPD SIZE	150	200	250	300
AT 6 BAR LTR/CYCLE OPENING/CLOSURE	12,3	12,3	20,8	20,8

CONTROL SPECIFICATIONS

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

GRAVITY PLUG DIVERTER - GPD

Technical data standard configuration



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 GLAN	M20x1,5 Clamp. range 8...13 mm

Variations available on request.

