

SMP



Compact simple mono-
block progressive
divider valve
for one to twelve outlets



Automatic Lubrication Systems

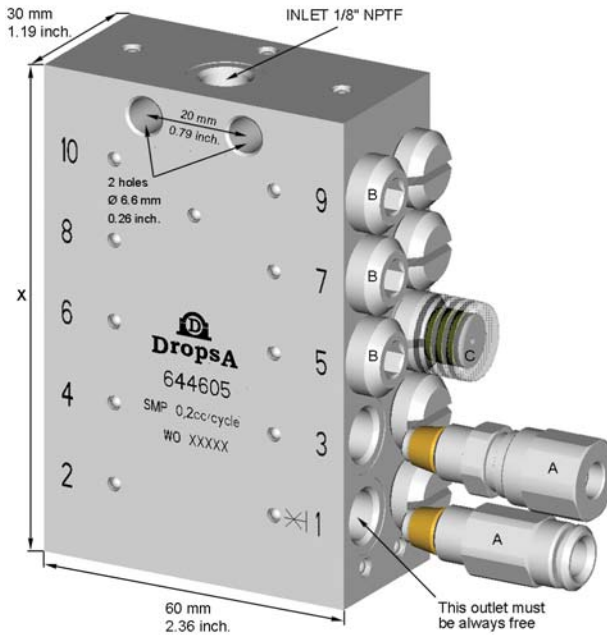
SMP Divider

GB
USA

SMP

Mono-block progressive divider valve for one to twelve outlets.

The SMP is a single block progressive divider valve that is ideal for applications where space is limited. It is available in 6,8,10 and 12 outlet versions, each with an output of 0.2 cm³ / 0.012 cu. inch per cycle. An outlet can also be merged with the sequential outlet on the block by removing the special outlet fitting and installing a plug. Visual or electronic monitoring can be achieved simply by removing a plug and installing a visual or electronic add-on device as shown below. The spools in a progressive metering valve operate sequentially partitioning equally across the outlets, the grease being pumped into the metering block inlet. In the event of a blocked lubrication point all the spools will stop, thereby allowing the user to monitor the entire system with a single monitoring device.



Technical Characteristics

SMP Divider

Min. Pressure:
20 Bar, 300 psi
Max. Pressure:
300 Bar, 4400 psi
Max. Cycles per min:
625 cycles
Operating Temperature:
-10 to 70 °C,
14 to 158 °F
Lubricant viscosity:
Min.: oil 32 cSt
Max.: grease NLGI 2
Material:
Zinc Plated Steel
Stainless steel Aisi 304

Cycle Sensor

Material:
Stainless Steel
Proximity Type:
PNP or NPN
10-30V DC - 200 mA

Ordering information - SMP – Zinc Plated Steel

Part. Num	X mm	X inch.	Description
644603	60	2.36	SMP 6 Outlet Divider
644604	75	2.95	SMP 8 Outlet Divider
644605	90	3.54	SMP 10 Outlet Divider
644606	105	4.13	SMP 12 Outlet Divider
Part. Num	Diagram	Accessory Description	
644637	A	Outlet fitting 1/8" BSP female	
644638		Outlet fitting compression cone Ø 4mm tube – inch. 5/32"	
644639		Outlet fitting compression cone Ø 6mm tube – inch. 15/64"	
644640		Outlet fitting push-in tube Ø 6 mm tube - inch. 15/64"	
644641		Outlet fitting compression ring Ø 6 mm tube - inch. 15/64"	
644611	B	Outlet Plug (merges into next outlet)	
1655220	C	Visual Indicator	
1655221		Electronic cycle indicator (with proximity PNP)	
1655222		Electronic cycle indicator (with proximity NPN)	
1655223		Electronic cycle indicator (with proximity NO 2 threads)	

Ordering Information - SMP – Stainless steel Aisi 304

Part. Num.	X mm	X inch.	Description
644593	60	2.36	SMP 6 Outlet Divider
644594	75	2.95	SMP 8 Outlet Divider
644595	90	3.54	SMP 10 Outlet Divider
644596	105	4.13	SMP 12 Outlet Divider
Part. Num.	Diagram	Accessory Description	
644646	A	Outlet fitting compression ring Ø 6 mm tube - inch. 15/64"	
644599	B	Outlet Plug (merges into next outlet)	
3190386		O-Ring to be ordered with outlet plug Part. Num. 644599	
1655220	C	Visual Indicator	
1655300		Ultrasensor	
1655223		Electronic cycle indicator (with proximity NO 2 threads)	

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