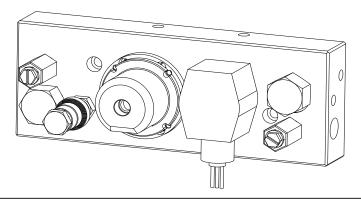
# **Technical Data**



# Brodie AddPak Additive Injection Block



#### General

Brodie's AddPak Chemical Injector offers a wide variety of service options. Due to its complete stainless steel construction and elastomer selection, it is suitable for use in numerous chemical and industrial applications. The Injector is machined from a solid piece of stainless steel bar stock which minimizes external leak points, and also incorporates an inlet machined basket strainer and an outlet check valve.

#### Installation

The Injector's slim footprint allows for easy installation with minimal space requirements. The AddPak Chemical Injector easily incorporates into numerous applications from PLC to TAS Systems used as a slave injector.

#### **Oval Gear Meter**

The Injector's oval gear meter design allows for wide chemical use in additives and marker applications. Due to product design, the oval gears are able to achieve a highly accurate measurement in single c/c units.

#### Mechanical

Available in 1-6 Pack Configuration 304 Stainless Steel Machined Block Inlet & Outlet Isolation Valves Calibration Port Valved with Dust Cap Elastomers Wetted: Teflon or Teflon Encapsulated Material Optional Elastomer Material: Kalrez or Chemrez Seals per Request Flow Range .05 - 3 GPM Oval Gear Meter K Factor ~4600 PPG Process Connections 3/8" FNPT Max WP 400 PSI

#### Electrical

ASCO Explosion Proof Solenoid 120VAC 60HZ Standard, Other Voltage Available per Request Oval Gear Meter Sensor 5 - 30 VDC, Supply Hall-Effect or Reed Switch Open Collector High Speed Suitable for Hazardous Area FM Approvals for use in Class I, DIV I Areas All Electrical Conduit Connections 1/2'' FNPT

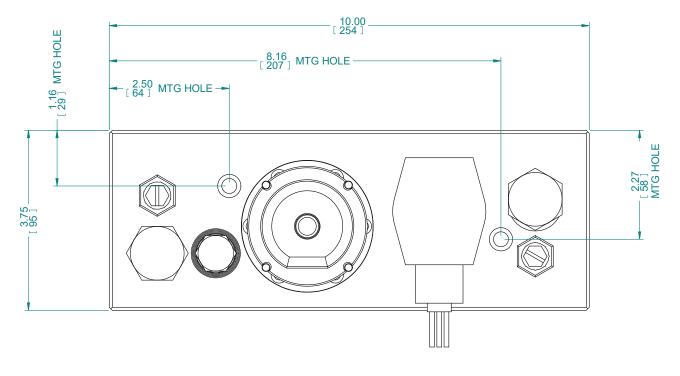


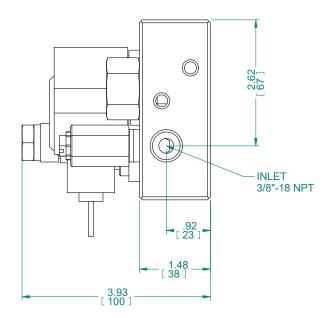
## Model Code

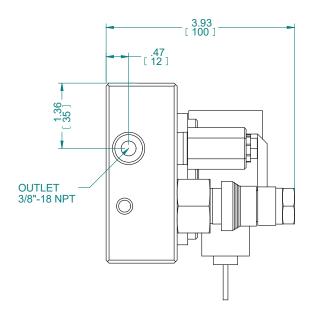
DAB       CODE 9       Revision         CODE M       Mounting         0       Unmounted, Standard         1       BAB Mounted on Panel         2       BAB Mounted on Panel         3       BAB Mounted on Panel         3       BAB Mounted on Panel         4       BAB Mounted on Panel         5       BAB Mounted on Panel         6       BAB Mounted on Panel         7       Thermal Relief         0       None, Standard         1       Thermal Relief         0       None, Standard         1       Thermal Relief (per block)         1       Thermal Relief (for multiple blocks)       154704-024M         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (for multiple blocks)       154704-024M	CODE BAB Brodie AddPak Additive Injection Block BAB										
A         CODE M       Mounting         0       Unmounted, Standard         1       BAB Mounted on Panel         2       BAB Mounted on Panel         3       BAB Mounted on Panel         3       BAB Mounted on Panel         4       BAB Mounted on Panel         5       BAB Mounted on Panel         6       BAB Mounted on Panel         1       Thermal Relief         0       None, Standard       A         1       Thermal Relief (per block)       151070M (QTY 10)         Z       Thermal Relief (for multiple blocks)       154704-024M         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         Z       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)		Dovision	Pavision								
CODE M       Mounting         0       Unmounted, Standard         1       BAB Mounted on Panel         2       BAB Mounted on Panel         3       BAB Mounted on Panel         4       BAB Mounted on Panel         5       BAB Mounted on Panel         6       BAB Mounted on Panel         1       Thermal Relief         0       None, Standard         1       Thermal Relief         0       None, Standard         1       Thermal Relief (per block)         1       Thermal Relief (for multiple blocks)         154704-024M         CODE G Gear Material         1       PPS (Ryton) 5000 PPG, Standard         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)	CODE 9										
0       Unmounted, Standard         1       BAB Mounted on Panel         2       BAB Mounted on Panel         3       BAB Mounted on Panel         4       BAB Mounted on Panel         4       BAB Mounted on Panel         5       BAB Mounted on Panel         6       BAB Mounted on Panel         7       Thermal Relief         0       None, Standard       A         1       Thermal Relief (per block)       151070M (QTY 10)         2       Thermal Relief (for multiple blocks)       154704-024M         1       PPS (Ryton) 5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)				Mounting							
1       BAB Mounted on Panel         2       BAB Mounted on Panel         3       BAB Mounted on Panel         4       BAB Mounted on Panel         5       BAB Mounted on Panel         6       BAB Mounted on Panel         0       None, Standard       A         1       Thermal Relief       A         1       Thermal Relief (per block)       151070M (QTY 10)         Z       Thermal Relief (for multiple blocks)       154704-024M         1       PPS (Ryton) 5000 PPG, Standard       A         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (price added per block)       154704-024M						ard					
2       BAB Mounted on Panel         3       BAB Mounted on Panel         4       BAB Mounted on Panel         5       BAB Mounted on Panel         6       BAB Mounted on Panel         7       Thermal Relief         0       None, Standard       A         1       Thermal Relief (per block)       151070M (QTY 10)         2       Thermal Relief (for multiple blocks)       154704-024M         1       PPS (Ryton) 5000 PPG, Standard       A         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (for multiple       154704-024M											
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $											
5 BAB Mounted on Panel       6     BAB Mounted on Panel       6     BAB Mounted on Panel       0     None, Standard     A       1     Thermal Relief (per block)     151070M (QTY 10)       2     Thermal Relief (for multiple blocks)     154704-024M       CODE G     Gear Material     A       1     PPS (Ryton) 5000 PPG, Standard     A       2     SS. STL. ~5000 PPG (price added per block)     151070M (QTY 10)       2     SS. STL. ~5000 PPG (for multiple     151070M (QTY 10)				3	3 BAB Mounted on Panel						
6BAB Mounted on PanelCODE TThermal Relief0None, StandardA1Thermal Relief (per block)151070M (QTY 10)ZThermal Relief (for multiple blocks)154704-024MCODE GGear Material1PPS (Ryton) 5000 PPG, StandardA2SS. STL. ~5000 PPG (price added per block)151070M (QTY 10)ZSS. STL. ~5000 PPG (for multiple154704-024M				4							
CODE TThermal Relief0None, StandardA1Thermal Relief (per block)151070M (QTY 10)ZThermal Relief (for multiple blocks)154704-024MCODE G Gear Material1PPS (Ryton) 5000 PPG, StandardA2SS. STL. ~5000 PPG (price added per block)151070M (QTY 10)ZSS. STL. ~5000 PPG (for multiple151070M (QTY 10)ZSS. STL. ~5000 PPG (for multiple154704-024M				5	5 BAB Mounted on Panel						
O       None, Standard       A         1       Thermal Relief (per block)       151070M (QTY 10)         Z       Thermal Relief (for multiple blocks)       154704-024M         CODE G Gear Material         1       PPS (Ryton) 5000 PPG, Standard       A         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         Z       SS. STL. ~5000 PPG (for multiple       151070M (QTY 10)											
1       Thermal Relief (per block)       151070M (QTY 10)         Z       Thermal Relief (for multiple blocks)       154704-024M         CODE G Gear Material         1       PPS (Ryton) 5000 PPG, Standard       A         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         2       SS. STL. ~5000 PPG (for multiple       151070M (QTY 10)	CODE T Thermal Relief										
Z       Thermal Relief (for multiple blocks)       154704-024M         CODE G       Gear Material       A         1       PPS (Ryton) 5000 PPG, Standard       A         2       SS. STL. ~5000 PPG (price added per block)       151070M (QTY 10)         7       SS. STL. ~5000 PPG (for multiple       154704-024M		O None, S				andard			A		
CODE GGear Material1PPS (Ryton) 5000 PPG, StandardA2SS. STL. ~5000 PPG (price added per block)151070M (QTY 10)7SS. STL. ~5000 PPG (for multiple)154704-024M		1 Therma				Relief (per block)			151070M (QTY 10)		
1PPS (Ryton) 5000 PPG, StandardA2SS. STL. ~5000 PPG (price added per block)151070M (QTY 10)7SS. STL. ~5000 PPG (for multiple)154704-024M		Z	Therma	al Relie	elief (for multiple blocks)			154704-024M			
2SS. STL. ~5000 PPG (price added per block)151070M (QTY 10)7SS. STL. ~5000 PPG (for multiple)154704-024M		CODE G				Gear Material					
Z         block)         151070M (QTY10)           Z         SS. STL. ~5000 PPG (for multiple         154704-024M			1	PPS	PPS (Ryton) 5000 PPG, Star			dard A			
/ 154/04-024M			2					dded per	151070M (QTY 10)		
		Z					tiple	154704-024M			
CODE V Solenoid Voltage				COI	DE V	Solenoid Vol	tage				
1 120/60 VAC, 110/50 VAC				1 120/60 VAC, 110/50 VAC							
2 240/60 VAC, 220/50 VAC				2 240/60 VAC, 220/50 VAC							
CODE A Approvals			CODE A Approv					ovals			
1 FM					1			FM			
CODE Injection Point Kits							CODE	E Inje	ction Point Kits		
AB1200 Standard Injection Kit					Γ	AB12	200	Standard Injection Kit			
AB1300 Red Dye Injection Kit							AB13	00	Red Dye Injection Kit		
AB1500 Calibration Test Kit							AB15	00	Calibration Test Kit		



# Dimensional Drawings in. [mm]

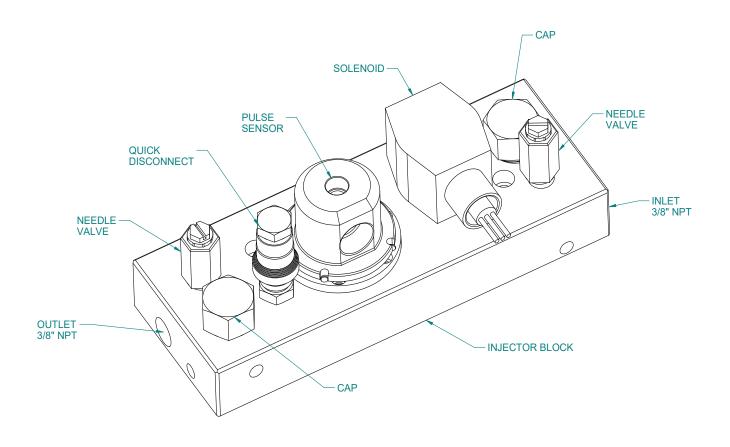








## **Technical Configuration**



### For Optional Accessories Listed Below, Please Contact Factory:

Standard & Dye Injection Point Kits Calibration Kits Injector Thermal Relief Kits Special Elasomers Special Approvals

#### **Brodie International**

P.O. Box 450 (30459-0450) 19267 Highway 301 North Statesboro, GA 30461 USA

Phone: +1 (912) 489-0200 Fax: +1 (912) 489-0294