



# 4PV

## Push-pull female couplings for agriculture with pressure relief microvalve.

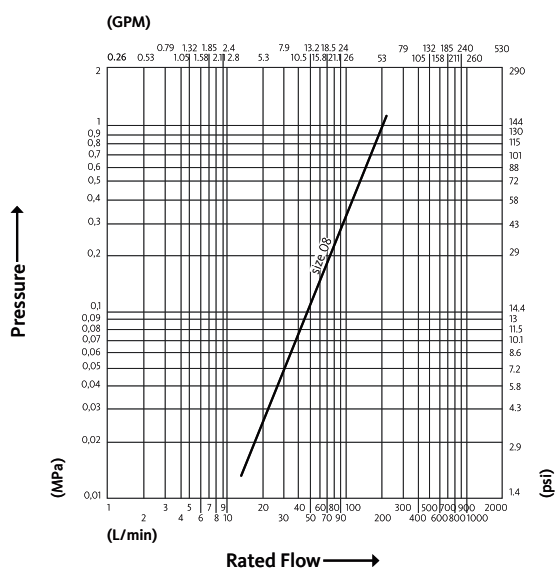
This series, compliant with ISO 7241 part A, is designed for panel mounting and connection to flexible hoses; further, it offers the breakaway function (no hose break in case of unintentional hose pulling exerted by the tractor, thanks to disconnection of the male half). Thanks to a microvalve it's possible to easily spill some oil when necessary in order to relieve the residual pressure into the female half. BSP female thread available.



## Applications



## Pressure Drop



Test performed according to ISO 18869

## Technical Specifications

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12.5	1/2"	25	75	1.8	110	100	100	

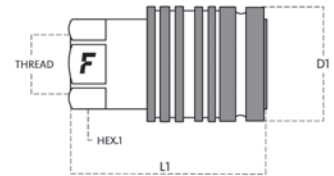
Material	<b>Steel</b>
Seals	<b>NBR</b>
Working temperatures	<b>- 25 °C to + 125 °C</b>
Surface treatment	<b>MATE 500 (CrIII)</b>
Series Interchange	<b>ISO 7241 part A</b>

Valve Type	<b>Poppet</b>
Connection	<b>Push to Connect*</b>
Disconnection	<b>Pull to Disconnect*</b>
Connection Under Pressure	<b>Allowed Residual</b>



\* If panel mounted through the sleeve. Otherwise sleeve retraction.

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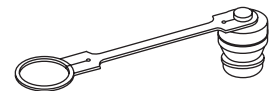


Size		Thread details			FEMALE						
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1	
						mm	inch	mm	inch	mm	inch
12.5	1/2"	F BSPP	ISO 1179-1	BSPP 1/2" FEMALE	4PV 12 GAS F	66	2.6	38	1.5	27	1.06

## 4PV Accessories and Spares



### PVC dust protections



### Aluminium dust protections



### Seals Kits

