

## Threaded excess flow valves



Excess flow valves are used on stationary and transport tank connections, as well as on pipelines. The valves protect from uncontrolled discharge of liquid phase of LPG from tanks and pipelines, which might happen as a result of general damage of piping or shut off valves. Excess flow valves close automatically, when maximum flow for given valve is exceeded. Valve re-opens after the pressure on both sides of the valve's disc equals.

Model	Material	Application	Inlet Connection	Outlet connection	Horizontal closing flow			Differential pressure [bar]	Cat. No			
					Liquid [l/min]	Vapor [m <sup>3</sup> /h]						
						At 1,72 bar	At 6,9 bar					
F110	Brass	Cylinder-powered system	M. POL	9/16" -18 UNF LH	2,65	3,39	5,77	0,51	---			
F183	Brass				5,68	9,48	16,13	0,66	12.201			
F173	Brass			1/4" MNPT	2,65	3,39	5,77	0,51	12.202			
F181	Brass				5,68	9,48	16,13	0,66	12.203			
F110A	Brass	Soft end M. POL	9/16" -18 UNF	1/4" MNPT	2,65	3,39	5,77	0,51	12.204			
F173A	Brass									0,51	12.205	
F138	Brass	Pipes	1/4 MNPT	1/4" MNPT	6,8	10,66	18,14	0,09	12.206			
F202	Brass		Male POL	1/2 in. SAE Flare	7,2	17,94	0,031	0,17	12.207			
F170	Brass	Containers	3/4" MNPT	3/4 in. FNPT	25	0,033	0,056	0,08	12.208			
F100	Brass				31,8	0,056	0,0967	0,16	12.209			
F101	Brass				75,7	0,097	0,166	0,58	12.210			
F102	Brass				1 1/4 " MNPT	1 1/4 in. FNPT	125	0,178	0,300	0,73	12.213	
F105	Brass	2" MNPT	2 in. FNPT	322	0,523	0,890	0,17	12.218				
F106	Brass								0,282	0,480	0,73	12.214
F107	Brass								218	0,282	0,480	0,73
F130	Brass	Pipes	1" FNPT	1" FNPT	94,6	0,149	0,254	0,22	12.211			
F131	Brass		1 1/2" FNPT	1 1/2" FNPT	227	0,330	0,562	0,32	12.215			
F132	Brass		2" FNPT	2" FNPT	359,6	0,562	0,958	0,14	12.217			
F133	Brass		586,7	0,826	1,407	0,28	12.216					
F134	Brass	Containers	1 1/2" MNPT x 1" FNPT	1" FNPT	106	0,146	0,249	0,18	12.221			
F135	Brass		2 1/2" MNPT x 1/2 FNPT	1 1/2" FNPT	227	0,339	0,574	0,35	---			
F190	Steel	Containers	2" MNPT	2" MNPT x 1 1/4" FNPT	303	0,435	0,742	0,25	---			
F191	Steel				397,5	0,532	0,905	0,61	---			
F194	Steel	Containers	3" MNPT	2" MNPT	624,6	0,928	1,583	0,21	---			
F195	Steel				984	1,433	2,443	0,47	---			
F198	Steel				624,6	0,933	1,591	0,21	---			
F199	Steel	3" MNPT	3" MNPT x 2" FNPT	984	1,400	2,387	0,48	12.222				