



**Technical Description**

Plastic coupling in nominal diameter 6 mm. The system is particularly suited to use with weak alkalis and acids. The coupling stands out for its light weight and intuitive operation. Secure sealing is indicated by an audible click.

**Working Temperature**

-40°C up to +82°C



**Working Pressure\*\***

0-8 bar  
\*\* maximum static working pressure with design factor 4 to 1.

**Material**

**Coupling:** Acetal (POM), natural color, USP Class VI  
**Plug:** Acetal (POM), natural color, USP Class VI  
**Seals:** FDA Buna-N



0-8 bar

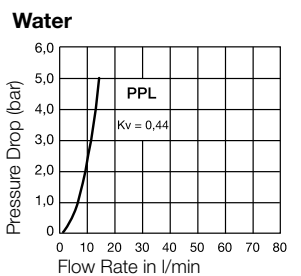
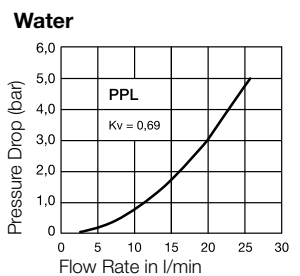
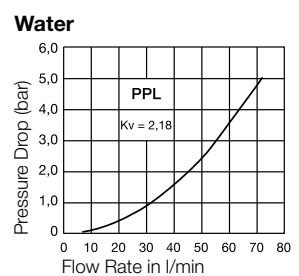
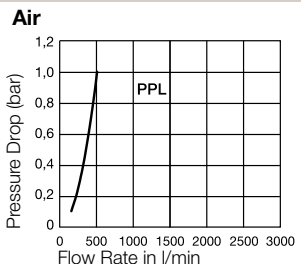
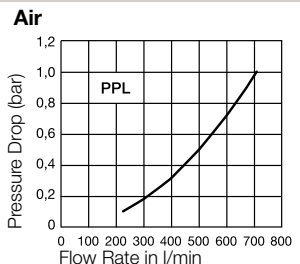
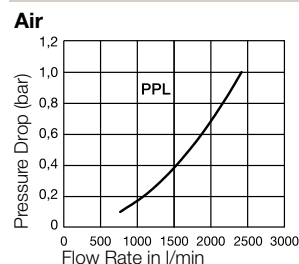
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0-8 bar

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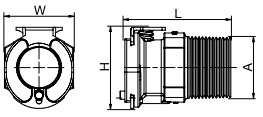
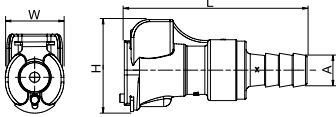
**Flow diagrams**





## Couplings – without valve

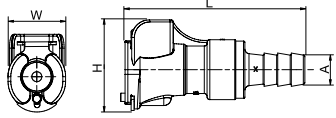
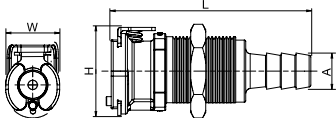
## Series PPL

	Connection A	HEX mm	W mm	L mm	L1 mm	L2 mm	L3 mm	H mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Male Thread</p>	3/8" BSPT		19,1	29,2				23,6					PPL-253-6MBT
 <p>Hose Barb</p>	6 mm		19,1	48,3				23,6					PPL-253-4HB
	8 mm		19,1	48,3				23,6					PPL-253-5HB
	10 mm		19,1	48,3				23,6					PPL-253-6HB



## Couplings – with valve

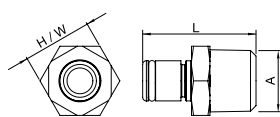
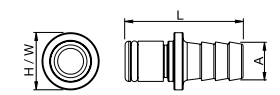
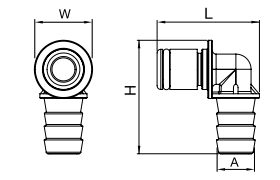
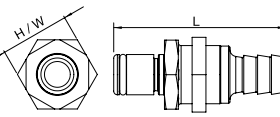
## Series PPL

	Connection A	HEX mm	W mm	L mm	L1 mm	L2 mm	L3 mm	H mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Hose Barb</p>	6 mm		19,1	48,3				23,6					PPL-251-4HB
	8 mm		19,1	48,3				23,6					PPL-251-5HB
	10 mm		19,1	48,3				23,6					PPL-251-6HB
 <p>Panel Mount with Hose Barb</p>	8 mm		19,1	48,3				23,6					PPL-251-H5HB
	10 mm		19,1	48,3				23,6					PPL-251-H6HB



Plugs – without valve

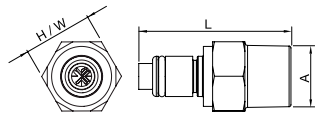
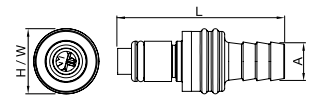
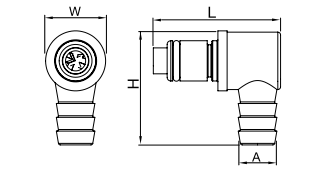
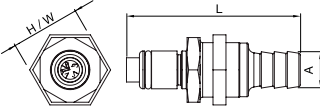
Series PPL

	Connection A	HEX mm	W mm	L mm	L1 mm	L2 mm	L3 mm	H mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Male Thread</p>	1/4" BSPT		15,7	31,8				15,7					PPL-254-4MBT
	3/8" BSPT		18,8	31,8				18,8					PPL-254-6MBT
 <p>Hose Barb</p>	6 mm		15,7	31,8				15,7					PPL-254-4HB
	8 mm		15,7	31,8				15,7					PPL-254-5HB
	10 mm		15,7	31,8				15,7					PPL-254-6HB
 <p>Hose Barb 90°</p>	6 mm		15,7	27,9				32,5					PPL-254-C4HB
	10 mm		15,7	27,9				32,5					PPL-254-C6HB
 <p>Panel Mount with Hose Barb</p>	6 mm		18,8	47,8				18,8					PPL-254-H4HB
	10 mm		18,8	47,8				18,8					PPL-254-H6HB



# Plugs – with valve

# Series PPL

	Connection A	HEX mm	W mm	L mm	L1 mm	L2 mm	L3 mm	H mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Male Thread</p>	1/4" BSPT		15,7	41,9				15,7					PPL-252-4MBT
	3/8" BSPT		19,1	41,9				19,1					PPL-252-6MBT
 <p>Hose Barb</p>	6 mm		17,8	49,3				17,8					PPL-252-4HB
	8 mm		17,8	49,3				17,8					PPL-252-5HB
	10 mm		17,8	46,5				17,8					PPL-252-6HB
 <p>Hose Barb 90°</p>	6 mm		15,7	27,9				32,5					PPL-252-C4HB
	10 mm		15,7	27,9				32,5					PPL-252-C6HB
 <p>Panel Mount with Hose Barb</p>	6 mm		18,8	50,8				18,8					PPL-252-H4HB
	8 mm		18,8	50,8				18,8					PPL-252-H5HB
	10 mm		18,8	50,8				18,8					PPL-252-H6HB