

Syphon for pressure measuring instruments

11/2016

Applications

- Protects pressure measuring instruments from pulsations in the medium and from excessive heating
- Cooling element for fluids, gases and vapours in pressure measurement
- For direct mounting to the connection shank of the pressure measuring instrument or to the shut-off device (stopcock or valve) mounted underneath

Special features

- Per DIN 16282, to industrial standards or compact version
- Nominal pressures up to 160 bar (compact syphon PN420)
- Permissible temperatures to 400 °C
- Materials: Steel (1.0039, 1.0345) and stainless steel (1.4571)



Order numbers

Version (sketch)	Form	Connection to measuring point	Connection to measuring instrument	max. operating pressure (bar)	Steel	316Ti / 1.4571
Per DIN 16282 or similar	U shape 	Weld-in connection	G 1/2 LH-RH union	160	9091190	1323270
		G 1/2 B	G 1/2 LH-RH union	160	9091181	9091220
		Pipe thread 1/2 NPT	xxxxxxx	160	--	0731277
	Trumpet form 	Weld-in connection	G 1/2 LH-RH union	160	9091190	1323270
		G 1/2 B	G 1/2 LH-RH union	160	9091203	9091238
		Pipe thread 1/2 NPT	xxxxxxx	160	1034227	0763349
Industrial standard	U shape 	Pipe thread G 1/4 B	Pipe thread G 1/4 B	25	9090649	--
		Pipe thread R 3/8	Pipe thread R 3/8	25	1318160	--
		Pipe thread G 1/2 B	Pipe thread G 1/2 B	25	9090657	14090773
		Pipe thread G 1/2 B	G 1/2 LH-RH union	25	9090665	--
		Pipe thread G 1/2 B	G 1/2 LH-RH union	160	9090673	--
		Weld-in connection	G 1/2 LH-RH union	160	9090681	14130264
	Trumpet form 	Pipe thread G 1/4 B	Pipe thread G 1/4 B	25	9090592	--
		Pipe thread G 3/8 B	Pipe thread G 3/8 B	25	1318500	--
		Pipe thread G 1/2 B	Pipe thread G 1/2 B	25	9090606	--
		Pipe thread 1/4 NPT	Pipe thread 1/4 NPT	25	1202413	--
	Compact syphon 	1/2 NPT	1/2 NPT female	420	--	11585791
		G 1/2 B	G 1/2 union bushing	420	--	14114184

Legend: available from stock in Germany available after production ---- not available

## Quick order code (you can find further possible variants in data sheet AC 09.06)

Field no.	Code	Version
<b>Body material</b>		
①	ST	Steel
	SS	Stainless steel 316Ti / 1.4571
<b>Design</b>		
②	U	U shape (DIN 16282 or similar)
	V	U shape (standard)
	O	Trumpet form (DIN 16282 or similar)
	P	Trumpet form (standard)
	Q	Compact design
<b>Process/instrument connection</b>		
③	AA	Weld-in connection + G 1/2 LH-RH union
	8C	R3/8-ISO7 + R3/8-ISO7
	AB	Weld-in connection + 1/2NPT female
	1B	G 1/2 B male + G 1/2 LH-RH union
	5E	1/2 NPT male + 1/2 NPT female
	1D	G1/2B male + G1/2B male
	3D	G3/8B male + G3/8B male
	2D	G1/4B male + G1/4B male
	6D	1/4NPT male + 1/4NPT male
<b>permissible nominal pressure</b>		
④	A	PN max. 25 bar
	B	PN max. 25 bar
	2	PN max. 400 bar

Order code: 910.15-     -ZZ-ZZ

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