

Accessories

Syphons according to DIN 16 282 or customary



Application

The task of the syphons is to protect the pressure measuring instruments against pulsations of the measuring material and against too strong heating. The syphon is mounted directly in the connection plug of the pressure measuring instrument or in the stop organ (a cock or a valve). Inside this syphon there was formed a condensate, which prevent that the hot measuring material flow into the pressure measuring instrument. It is advisable to fill a cooling liquid into the syphons before using the pressure pipe the first time.

Form

U-form, for horizontal pressure-taking
Circle-form, for vertical pressure-taking

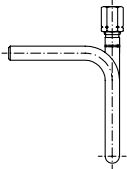
Material

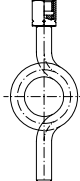
Steel (St 33 and St 35.8)
Stainless steel (1.4571)

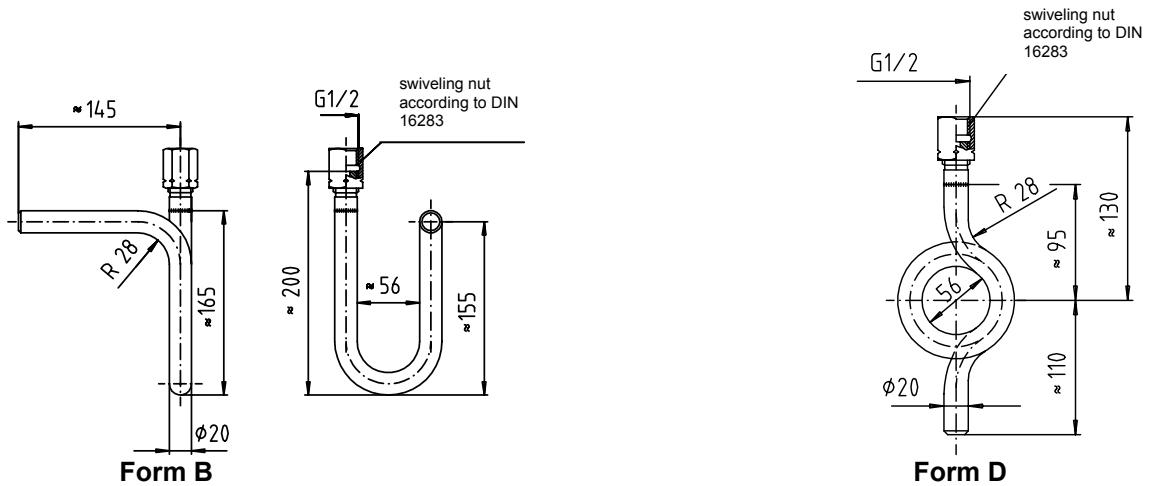
Options

Special thread, for oxygen-using, with inspection-certificate 3.1B / 3.1A and material stainless steel, 13 CrMo44

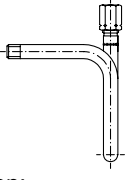
Model belongs to DIN 16 282

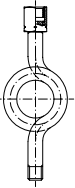
Model U-Form	Working temperature to °C	Working pressure [bar]	Material	Article-no.
 Emission: Swiveling nut G1/2	120	100	St 35.8	92 15 2
	300	80	13CrMo44	
Form B Entrance: without thread	400	63		
	500	100	1.4571	92 15 3

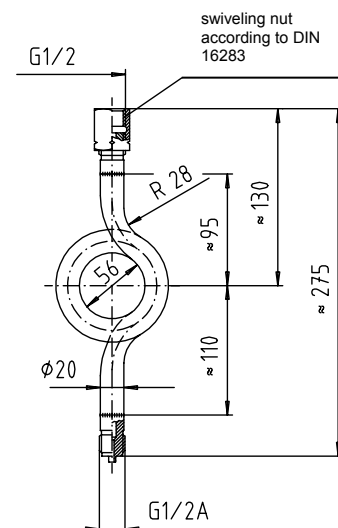
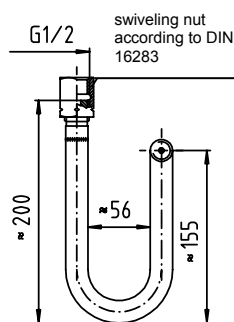
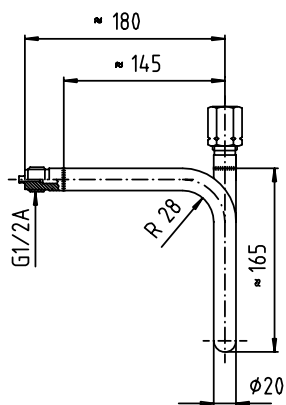
Model circle-Form	Working temperature to °C	Working pressure [bar]	Material	Article-no.
 Emission: Swiveling nut G1/2	120	100	St 35.8	97 15 2
	300	80	13CrMo44	
Form D Entrance: without thread	400	63		
	500	100	1.4571	97 15 3




This model is similar to DIN but this one has a pressure thread

Model U-Form	Working temperature to °C	Working pressure [bar]	Material	Article-no.
 Emission: Swiveling nut G $\frac{1}{2}$	120 300 400	100 80 63	St 35.8	91 15 2
			1.4571	91 15 3

Model Circle-Form	Working temperature to °C	Working pressure [bar]	Material	Article-no.
 Emission: Swiveling nut G $\frac{1}{2}$	120 300 400	100 80 63	St 35.8	96 15 2
			1.4571	96 15 3

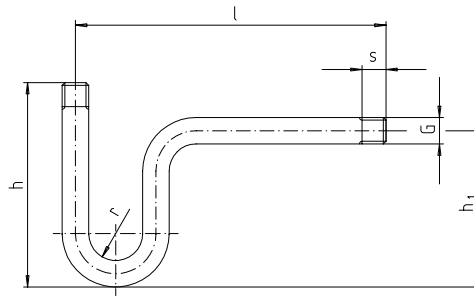


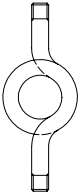
Model customary

Model U-Form 	Pressure thread		Working-pressure [bar]	Material	Dimensions [mm]					Article-no.
	Entrance ¹⁾	Exit			h	h1	l	r	s	
The thread is cut directly to the tube	G $\frac{1}{4}$	G $\frac{1}{4}$	25	St 33	170	130	225	26,5	13	90 06 2
	G $\frac{1}{2}$	G $\frac{1}{2}$	25	St 33	170	130	225	22,5	17	90 15 2
	G $\frac{1}{2}$	G $\frac{1}{2}$	25	St 33	170	130	225	22,5	17	
	G $\frac{1}{2}$	G $\frac{1}{2}$ ¹⁾	160	St 35.8	170	130	225	22,5	20	
	ohne ²⁾	G $\frac{1}{2}$ ¹⁾	25	St 33	170	130	225	22,5	--	

1) Swiveling nut according to DIN 16 283

2) Prepare for welding



Model circle-Form 	Pressure thread		Working-pressure [bar]	Material	Dimensions [mm]					Article-no.	
	Entrance ¹⁾	Exit			D	h	h1	l	r		s
the thread is cut directly to the tube	G $\frac{1}{4}$	G $\frac{1}{4}$	25	St 33	64	240	120	--	--	13	95 06 2
	G $\frac{1}{2}$	G $\frac{1}{2}$	25	St 33	56	240	120	--	--	17	95 15 2
	G $\frac{1}{2}$	G $\frac{1}{2}$ ¹⁾	25	St 33	56	250	120	--	--	17	
	G $\frac{1}{2}$	G $\frac{1}{2}$ ¹⁾	160	St 35.8	56	275	120	--	--	20	

1) swiveling nut according to DIN 16 283

