

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.

Material

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



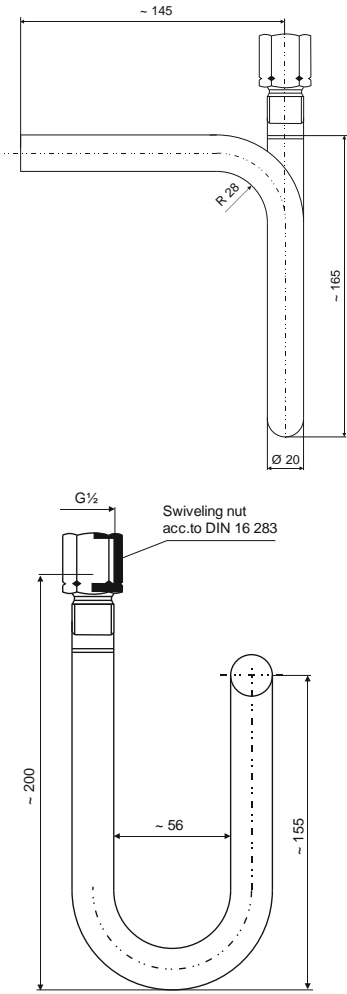
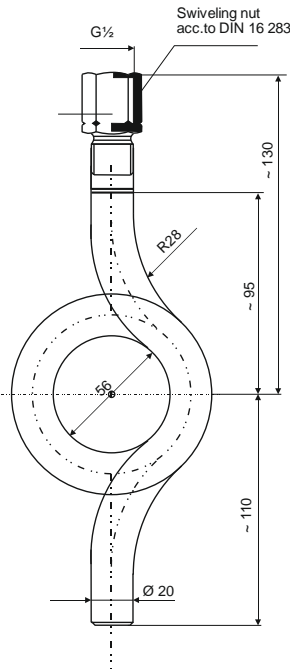
Form

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



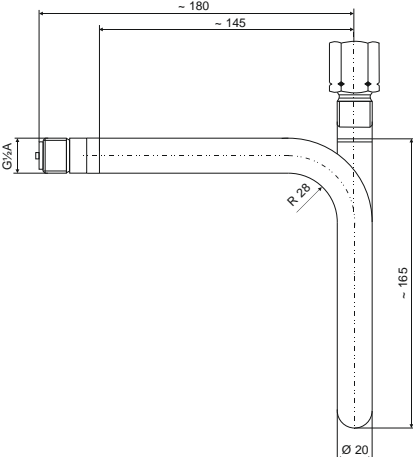
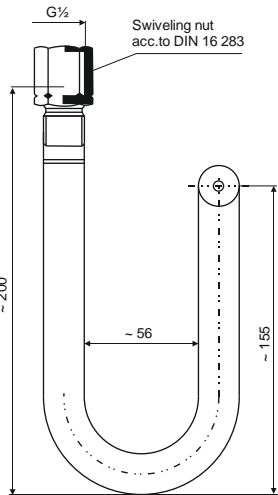
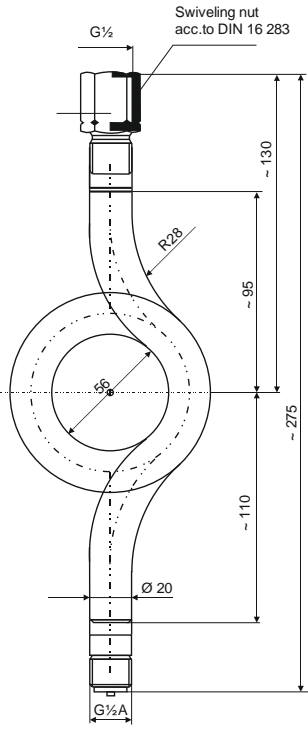
Optionen

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

Type according to DIN 16 282

Execution	U-Form		Circle-Form	
Form	<p style="text-align: center;">Form B</p> 		<p style="text-align: center;">Form D</p> 	
Material	St. 35.8 13CrMo44	1.4571	St. 35.8 13CrMo44	1.4571
Order number	92 15 2	92 15 3	97 15 2	97 15 3
Emission	Swiveling nut G 1/2 B			
Entrance	without thread / for welding			
max. working temperature/ max. working pressure	120°C / 100 bar 300°C / 80 bar 400°C / 63 bar 500°C / 100 bar			
Dimensioned drawings Dimensions in mm	 <p>~ 145 R28 ~ 165 Ø 20 G½ Swiveling nut acc.to DIN 16 283 ~ 200 ~ 56 ~ 155</p>		 <p>G½ Swiveling nut acc.to DIN 16 283 ~ 130 R28 ~ 95 Ø 20 ~ 110</p>	

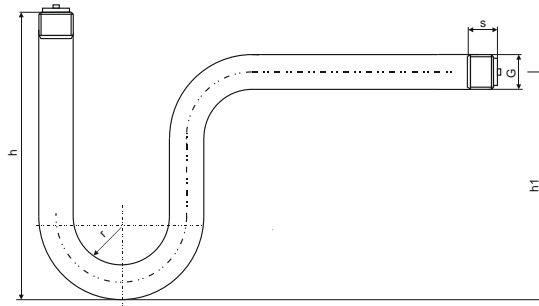
Type similar to DIN but with threaded connection

Execution	U-Form		Circle-Form	
Form	 <p>Form A</p>		 <p>Form C</p>	
Material	St. 35.8	1.4571	St. 35.8	1.4571
Order number	91 15 2	91 15 3	96 15 2	96 15 3
Emission	Swiveling nut G 1/2			
Entrance	Pin G 1/2 A			
max. working temperature/ max. working pressure	120°C / 100 bar 300°C / 80 bar 400°C / 63 bar			
Dimensioned drawings Dimensions in mm	 			

Execution customary

U-Form

Dimensioned drawing



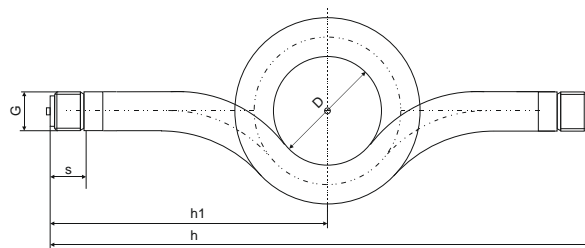
	Pressure thread		Working pressure (bar)	Material	Dimensions in mm					Order number
	Entrance	Exit			h	h1	l	r	s	
Thread cut directly on tube	G $\frac{1}{4}$	G $\frac{1}{4}$	25	St 33	170	130	225	26,5	13	90 06 2
	G $\frac{1}{2}$	G $\frac{1}{2}$	25	St 33	170	130	225	22,5	17	90 15 2
	G $\frac{1}{2}$	G $\frac{1}{2}$	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	
	without ²⁾	G $\frac{1}{2}$ ¹⁾	25	St 33	170	130	225	22,5	-	

¹⁾ Swiveling nut acc.to DIN 16 283

²⁾ Prepare for welding

Circle-Form

Dimensioned drawing (rotated 90°)



	Pressured thread		Working pressure (bar)	Material	Dimensions in mm				Order number
	Entrance	Exit			D	h	h1	s	
Thread cut directly on 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 acc.to DIN 16 283