

# Sinus pinch valve

for exact shutting off, distribution and dosing

# QV

Gas+  
Dust



# Explosion protection information and Supplement to the operating instructions

## Type label details

Manufacturer and address	CE sign with the number of the "Notified Body" which is involved in the production control phase
Marking for the gas atmosphere	Further details of the tube connection can be filed in this panel, for example: -R54x2R54x2- means tube 54x2 on both sides
Marking for the dust atmosphere	EC-type examination certificate number or number of the test log
Ambient temperature (max. application temperature)	Details about the max. permissible pressures

**MOLLET** Industriepark RIO 103  
Füllstandtechnik GmbH D-74706 Osterburken  
Tel. +49 62 91 64 400

Typ **QV080-RR-AE-NRE-B11**

**Ex** II 1/2G IIB T X  
II 1/2D T X **IBExU 08 ATEX 1012 X**

-20 °C ≤ Ta ≤ +80 °C	Prozessdruck (PD) max. 4,0 bar
	Steuerdruck über PD ca. 2,5 bar
Stück Nr. 1234567890 03/08	Steuerdruck max. 6,5 bar
Auftrag-Nr. 1234567890	Differenzdruck max. 2,5 bar

CE 0044

## Special conditions for safe application

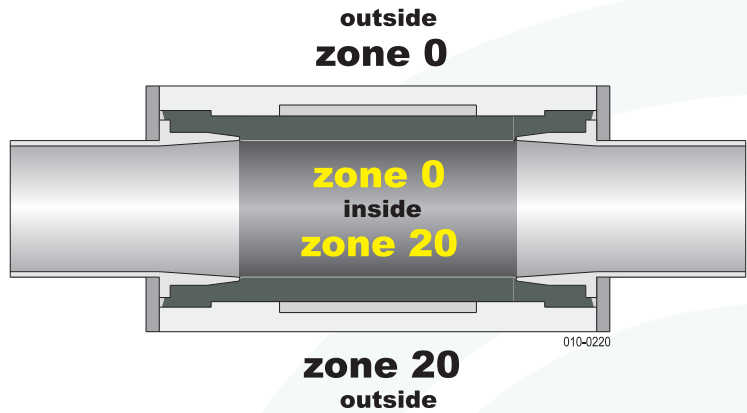
- The pinch valve may only be used when its materials under the respective conditions of operation are so resistant against mechanical and/or chemical effects resp. corrosion that the explosion protection will not be disabled.
- By the usage of pinch valves with clamping sleeves of aluminium no rusty particles are allowed in the conveyed material if a gaseous explosive atmosphere is present.
- The pinch valve has to be connected to earth.
- The "X" following the temperature detail means, that the maximum surface temperature of the pinch valves depends only on the process temperature (Temperature of the conveyed material or the control medium and also the ambient temperature).  
Thus note that by using pinch valves of the categories 1G and 1/2G the process temperature must not be higher than 80% of the ignition temperature of the matter which conditioned the zone 0.  
By the application of pinch valves of the categories 1D, 1/2D or 2D pay attention to the hints given by the EN 1127-1 chapter 6.4.2 regarding the safety clearance of temperatures.
- If a combustible liquid is used as control medium, the ignition point of this liquid has to be higher than +135 °C.

Note: The T in front of the X is not specified in the EN 13463-1 norm but makes it easier to understand the marking

**Equipment category appropriation by zones**

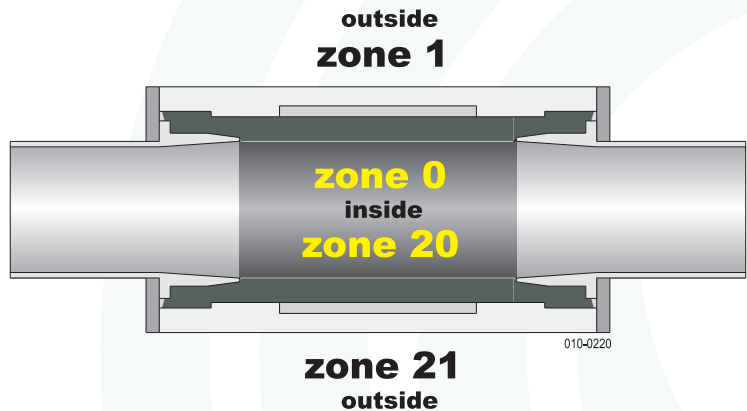
Order code **B22**

<b>MOLLET</b> Füllstandtechnik GmbH		Industriepark RIO 103 D-74706 Osterburken Tel. +49 62 91 64 400		<b>CE</b> 0044
Typ <b>QV050-RR-EE-NRE-B22</b>				
<b>Ex</b>	II 1/1G	II B	T X	IBExU 08 ATEX 1012 X
	II 1/1D	T X		
-20 °C ≤ Ta ≤ +80 °C		Prozessdruck (PD)	max. 4,0 bar	
		Steuerdruck über PD	ca. 2,5 bar	
Stück Nr. 1234567890 03/08		Steuerdruck	max. 6,5 bar	
Auftrag-Nr. 1234567890		Differenzdruck	max. 2,5 bar	



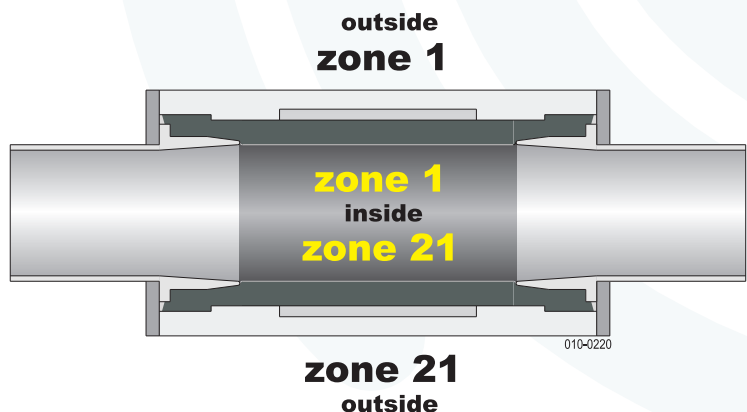
Order code **B11**

<b>MOLLET</b> Füllstandtechnik GmbH		Industriepark RIO 103 D-74706 Osterburken Tel. +49 62 91 64 400		<b>CE</b> 0044
Typ <b>QV080-RR-AE-NRE-B11</b>				
<b>Ex</b>	II 1/2G	II B	T X	IBExU 08 ATEX 1012 X
	II 1/2D	T X		
-20 °C ≤ Ta ≤ +80 °C		Prozessdruck (PD)	max. 4,0 bar	
		Steuerdruck über PD	ca. 2,5 bar	
Stück Nr. 1234567890 03/08		Steuerdruck	max. 6,5 bar	
Auftrag-Nr. 1234567890		Differenzdruck	max. 2,5 bar	



Order code **B6**

<b>MOLLET</b> Füllstandtechnik GmbH		Industriepark RIO 103 D-74706 Osterburken Tel. +49 62 91 64 400		<b>CE</b> 0044
Typ <b>QV100-RR-AA-NRE-B6</b>				
<b>Ex</b>	II 2/2G	II B	T X	ATEX-PP-08-926 X
	II 2/2D	T X		
-20 °C ≤ Ta ≤ +80 °C		Prozessdruck (PD)	max. 4,0 bar	
		Steuerdruck über PD	ca. 2,5 bar	
Stück Nr. 1234567890 03/08		Steuerdruck	max. 6,5 bar	
Auftrag-Nr. 1234567890		Differenzdruck	max. 2,5 bar	



**„X“ behind the certificate number**

Pay attention to the  
“Special conditions for safe application”  
at the front side