

Level measurement

Guided wave radar **MOLOS**
wave **1**

Yo-Yo sensing systems **MOLOS**
bob **2**

Visualization **MOLOS**
visu **3**

Rotation **MOLOS**
roto **4**

Membrane **MOLOS**
membran **5**

Level indicator

Vibration **MOLOS**
vibro **6**

Microwave barrier **MOLOS**
barrier **7**

Pendulum **MOLOS**
pendu **8**

Coding **MOLOS**
code **9**

Hose couplings

Limit switch **MOLOS**
switch **10**

Swivelling lever **MOLOS**
swing **11**

Lockable couplings **MOLOS**
lock **12**

Overload protection **MOLOS**
safe **13**

Silo filling device **MOLOS**
safe **14**

Bulk solids handling

Pressure device **MOLOS**
pressdec **15**

Microwave flow sensor **MOLOS**
flow **16**

Pinch valves **MOLOS**
valve **17**

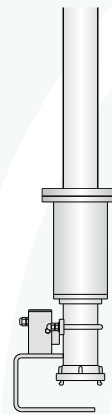
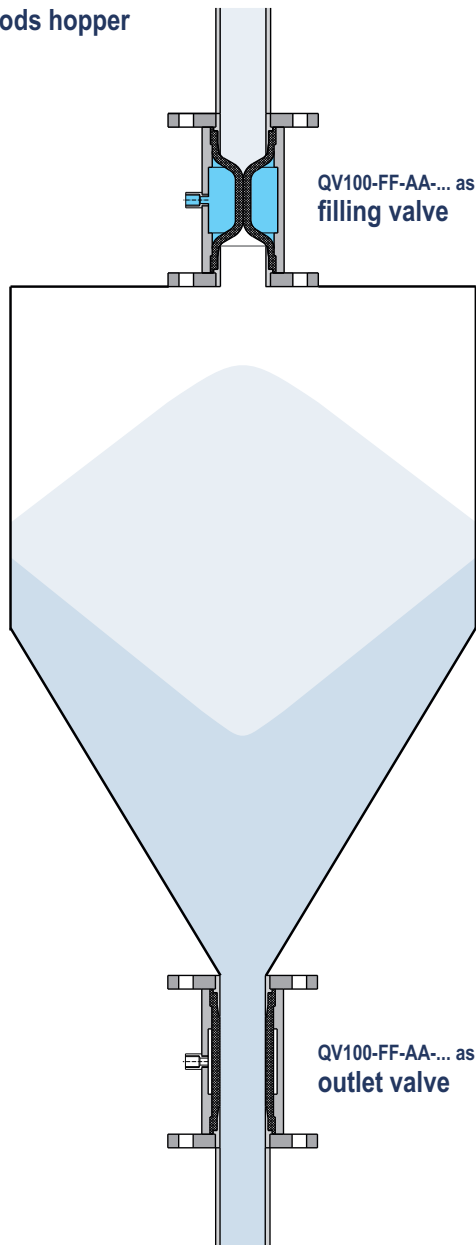


Advantages of MOLLET sinus pinch valves:

- safe shutting off, distributing and metering of bulk materials
- suitable for all bulk solids, viscous and soiled liquids as well as for gas and mixtures
- straight passage without any reduction
- no point of accumulation and therefore no pressure decrease

The ideal valve for the pneumatic conveying of bulk solids.

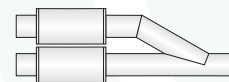
Bulk goods hopper



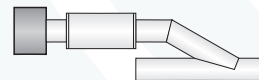
SFA silo filling device

Locking valve for silo overload protection with sinus pinch valve QV080-FG-AE-...

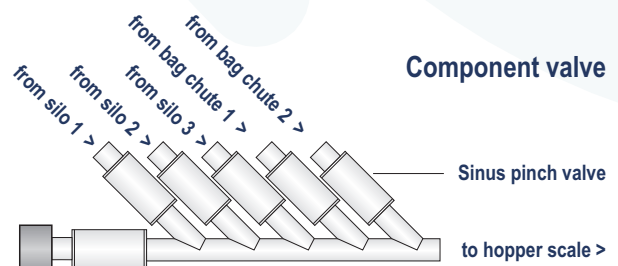
Valve tube switch with QV-050-RR-...



Purging valve with QV-050-RR-...



Component valve



Selection list

QV013

ATEX-Option **Gas+**  II 2G IIB
B6 **Dust** and II 2D IIIB

ATEX-Option **Gas+**  II 1/2G IIB
B11 **Dust** and II 1/2D IIIB

ATEX-Option **Gas+**  II 1G IIB
B22 **Dust** and II 1D IIIB

hybride mixtures on request

Basic device

Choice of options

Connection side 1

G Internal thread 1/2"

Connection side 2

G Internal thread 1/2"

Housing

A Aluminium

E Stainless steel 1.4571 / 316 Ti

P POM

Clamping sleeves

A Aluminium

E Stainless steel 1.4571 / 316 Ti

P POM

Hoses

NR Caoutchouc, resistant to abrasion

NRE Caoutchouc, resistant to abrasion, >>>

NW Caoutchouc, food safe, white

EP EPDM

VI VITON

ATEX-Certifications **Gas+** **Dust**

B6 II 2G IIB and II 2D IIIB

B11 II 1/2G IIB and II 1/2D IIIB

B22 II 1G IIB and II 1D IIIB

>>> by ATEX always NRE-Hoses

QV013 - - - - - ← Order code

QV020

ATEX-Option **Gas+**  II 2G IIB
B6 **Dust** and II 2D IIIB

ATEX-Option **Gas+**  II 1/2G IIB
B11 **Dust** and II 1/2D IIIB

ATEX-Option **Gas+**  II 1G IIB
B22 **Dust** and II 1D IIIB

hybride mixtures on request

Basic device

Choice of options

Connection side 1

G Internal thread 3/4"

Connection side 2

G Internal thread 3/4"

Housing

A Aluminium

E Stainless steel 1.4571 / 316 Ti

P POM

Clamping sleeves

A Aluminium

E Stainless steel 1.4571 / 316 Ti

P POM

Hoses

NR Caoutchouc, resistant to abrasion

NRE Caoutchouc, resistant to abrasion, >>>

NW Caoutchouc, food safe, white

EP EPDM

VI VITON

ATEX-Certifications **Gas+** **Dust**

B6 II 2G IIB and II 2D IIIB

B11 II 1/2G IIB and II 1/2D IIIB

B22 II 1G IIB and II 1D IIIB

>>> by ATEX always NRE-Hoses

QV020 - - - - - ← Order code

X,- = prices on request

Selection list

QV025

ATEX-Option **Gas+**  II 2G IIB
and II 2D III B
Dust

B6

ATEX-Option **Gas+**  II 1/2G IIB
and II 1/2D III B
Dust

B11

ATEX-Option **Gas+**  II 1G IIB
and II 1D III B
Dust

B22

hybride mixtures on request

Basic device

Choice of options

Connection side 1

G Internal thread 1

Connection side 2

G Internal thread 1

Housing

A Aluminium

E Stainless steel 1.4571 / 316 Ti

P POM

Clamping sleeves

A Aluminium

E Stainless steel 1.4571 / 316 Ti

P POM

Hoses

NR Caoutchouc, resistant to abrasion

NRE Caoutchouc, resistant to abrasion, >>>

NW Caoutchouc, food safe, white

EP EPDM

VI VITON

ATEX-Certifications **Gas+Dust**

B6 II 2G IIB and II 2D III B

B11 II 1/2G IIB and II 1/2D III B

B22 II 1G IIB and II 1D III B

>>> by ATEX always NRE-Hoses

QV025 - - - - - - - - - - ← Order code

QV032

ATEX-Option **Gas+**  II 2G IIB
and II 2D III B
Dust

B6

ATEX-Option **Gas+**  II 1/2G IIB
and II 1/2D III B
Dust

B11

ATEX-Option **Gas+**  II 1G IIB
and II 1D III B
Dust

B22

hybride mixtures on request

Basic device

Choice of options

Connection side 1

G Internal thread 1 1/4

Connection side 2

G Internal thread 1 1/4

Housing

A Aluminium

E Stainless steel 1.4571 / 316 Ti

Clamping sleeves

A Aluminium

E Stainless steel 1.4571 / 316 Ti

Hoses

NR Caoutchouc, resistant to abrasion

NRE Caoutchouc, resistant to abrasion, >>>

NW Caoutchouc, food safe, white

EP EPDM

VI VITON

ATEX-Certifications **Gas+Dust**

B6 II 2G IIB and II 2D III B

B11 II 1/2G IIB and II 1/2D III B

B22 II 1G IIB and II 1D III B

>>> by ATEX always NRE-Hoses

QV032 - - - - - - - - - - ← Order code

X,- = price on request

Selection list

QV040

ATEX-Option **Gas+** II 2G IIB
B6 **Dust**  and II 2D IIIB

ATEX-Option **Gas+** II 1/2G IIB
B11 **Dust**  and II 1/2D IIIB

ATEX-Option **Gas+** II 1G IIB
B22 **Dust**  and II 1D IIIB

hybride mixtures on request

Basic device

Choice of options

Connection side 1

- F Flange Ø150 x 12, LK110, 4 x M16.....
- G Internal thread 1½.....
- R Tube Ø40 x 1,5*.....

Connection side 2

- F Flange Ø150 x 12, LK110, 4 x M16.....
- G Internal thread 1½.....
- R Tube Ø40 x 1,5*.....

Housing

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Clamping sleeves

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Hoses

- NR Caoutchouc, resistant to abrasion.....
- NRE Caoutchouc, resistant to abrasion, >>>.....
- NW Caoutchouc, food safe, white.....
- EP EPDM.....
- VI VITON.....

ATEX-Certifications **Gas+Dust**

- B6 II 2G IIB and II 2D IIIB.....
- B11 II 1/2G IIB and II 1/2D IIIB.....
- B22 II 1G IIB and II 1D IIIB.....

>>> by ATEX always NRE-Hoses

QV040 - - - - - ← Order code

QV050

ATEX-Option **Gas+** II 2G IIB
B6 **Dust**  and II 2D IIIB

ATEX-Option **Gas+** II 1/2G IIB
B11 **Dust**  and II 1/2D IIIB

ATEX-Option **Gas+** II 1G IIB
B22 **Dust**  and II 1D IIIB

hybride mixtures on request

Basic device

Choice of options

Connection side 1

- F Flange Ø165 x 15, LK125, 4 x M16.....
- G Internal thread 2.....
- R Tube Ø50 x 1,5*.....

Connection side 2

- F Flange Ø165 x 15, LK125, 4 x M16.....
- G Internal thread 2.....
- R Tube Ø50 x 1,5*.....

Housing

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Clamping sleeves

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Hoses

- NR Caoutchouc, resistant to abrasion.....
- NRE Caoutchouc, resistant to abrasion, >>>.....
- NW Caoutchouc, food safe, white.....
- EP EPDM.....
- EPE EPDM, food safe, >>>.....
- VI VITON.....

ATEX-Certifications **Gas+Dust**

- B6 II 2G IIB and II 2D IIIB.....
- B11 II 1/2G IIB and II 1/2D IIIB.....
- B22 II 1G IIB and II 1D IIIB.....




>>> by ATEX NRE- or EPE-Hoses

QV050 - - - - - ← Order code

* other tube-Ø on request
We produce every Ø according to customers request!
X,- = prices on request

Selection list

QV065

- ATEX-Option **Gas+**  II 2G IIB
Dust and II 2D IIIB
B6
- ATEX-Option **Gas+**  II 1/2G IIB
Dust and II 1/2D IIIB
B11
- ATEX-Option **Gas+**  II 1G IIB
Dust and II 1D IIIB
B22

hybride mixtures on request

Basic device

Choice of options

Connection side 1

- F** Flange Ø185 x 15, LK145, 4 x M16.....
G Internal thread 2½.....
R Tube Ø65 x 2*.....

Connection side 2

- F** Flange Ø185 x 15, LK145, 4 x M16.....
G Internal thread 2½.....
R Tube Ø65 x 2*.....

Housing

- A** Aluminium.....
E Stainless steel 1.4571 / 316 Ti.....

Clamping sleeves

- A** Aluminium.....
E Stainless steel 1.4571 / 316 Ti.....

Hoses




- NR** Caoutchouc, resistant to abrasion.....
NRE Caoutchouc, resistant to abrasion, >>>.....
NW Caoutchouc, food safe, white.....
EP EPDM.....
EPE EPDM, food safe, >>>.....
VI VITON.....

ATEX-Certifications **Gas+Dust**

- B6** II 2G IIB and II 2D IIIB.....
B11 II 1/2G IIB and II 1/2D IIIB.....
B22 II 1G IIB and II 1D IIIB.....
>>> by ATEX NRE- or EPE-Hoses

QV065 - - - - - - - - - - **Order code**

QV080

- ATEX-Option **Gas+**  II 2G IIB
Dust and II 2D IIIB
B6
- ATEX-Option **Gas+**  II 1/2G IIB
Dust and II 1/2D IIIB
B11
- ATEX-Option **Gas+**  II 1G IIB
Dust and II 1D IIIB
B22

hybride mixtures on request

Basic device

Choice of options

Connection side 1

- F** Flange Ø200 x 15, LK160, 4 x M16.....
G Internal thread 3.....
R Tube Ø80 x 2*.....

Connection side 2

- F** Flange Ø200 x 15, LK160, 4 x M16.....
G Internal thread 3.....
R Tube Ø80 x 2*.....

Housing

- A** Aluminium.....
E Stainless steel 1.4571 / 316 Ti.....

Clamping sleeves

- A** Aluminium.....
E Stainless steel 1.4571 / 316 Ti.....

Hoses

- NR** Caoutchouc, resistant to abrasion.....
NRE Caoutchouc, resistant to abrasion, >>>.....
NW Caoutchouc, food safe, white.....
EP EPDM.....
EPE EPDM, food safe, >>>.....
VI VITON.....

ATEX-Certifications **Gas+Dust**

- B6** II 2G IIB and II 2D IIIB.....
B11 II 1/2G IIB and II 1/2D IIIB.....
B22 II 1G IIB and II 1D IIIB.....
>>> by ATEX NRE- or EPE-Hoses

QV080 - - - - - - - - - - **Order code**

* other tube-Ø on request

We produce every Ø according to customers request!

X,- = prices on request

Selection list

QV100

ATEX-Option **Gas+** **Dust**  II 2G IIB
and II 2D IIIB
B6

ATEX-Option **Gas+** **Dust**  II 1/2G IIB
and II 1/2D IIIB
B11

ATEX-Option **Gas+** **Dust**  II 1G IIB
and II 1D IIIB
B22

hybride mixtures on request

Basic device

Choice of options

Connection side 1

- F Flange Ø220 x 15, LK180, 4 x M16.....
- G Internal thread 4.....
- R Tube Ø100 x 2*.....

Connection side 2

- F Flange Ø220 x 15, LK180, 4 x M16.....
- G Internal thread 4.....
- R Tube Ø100 x 2*.....

Housing

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Clamping sleeves

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Hoses

- NR Caoutchouc, resistant to abrasion.....
- NRE Caoutchouc, resistant to abrasion, >>>.....
- NW Caoutchouc, food safe, white.....
- EP EPDM.....
- EPE EPDM, food safe, >>>.....
- VI VITON.....

ATEX-Certifications **Gas+** **Dust**

- B6 II 2G IIB and II 2D IIIB.....
 - B11 II 1/2G IIB and II 1/2D IIIB.....
 - B22 II 1G IIB and II 1D IIIB.....
- >>> by ATEX NRE- or EPE-Hoses

QV100 - - - - - ← Order code

QV125

ATEX-Option **Gas+** **Dust**  II 2G IIB
and II 2D IIIB
B6

Basic device

Choice of options

Connection side 1

- F Flange Ø250 x 20, LK210, 4 x M16.....

Connection side 2

- F Flange Ø250 x 20, LK210, 4 x M16.....

Housing

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Clamping sleeves

- A Aluminium.....
- E Stainless steel 1.4571 / 316 Ti.....

Hoses

- NR Caoutchouc, resistant to abrasion.....
- NRE Caoutchouc, resistant to abrasion, >>>.....
- NW Caoutchouc, food safe, white.....
- EP EPDM.....
- VI VITON.....

ATEX-Certifications **Gas+** **Dust**

- B6 II 2G IIB and II 2D IIIB.....
- >>> by ATEX always NRE-Hoses

QV125 - - - - - ← Order code

* other tube-Ø on request

We produce every Ø according to customers request!

X,- = prices on request

Selection list

Accessories

Order code A (installed)	Order code B (components)	Designation	ATEX
0 820 005 250.A	0 820 005 250.B	3/2 way solenoid valve, normally open, 230 V AC (Pinch valve normally closed)	zone free
0 820 005 251.A	0 820 005 251.B	3/2 way solenoid valve, normally open, 24 V DC (Pinch valve normally closed)	zone free
0 200 107 548.A	0 200 107 548.B	3/2 way solenoid valve, normally open, 230 V AC (Pinch valve normally closed)	II3G / II3D
0 200 107 545.A	0 200 107 545.B	3/2 way solenoid valve, normally open, 24 V DC (Pinch valve normally closed)	II3G / II3D
0 200 041 371.A	0 200 041 371.B	3/2 way solenoid valve, normally open, 230 V AC (Pinch valve normally closed)	II2G / II2D
0 200 350 452.A	0 200 350 452.B	3/2 way solenoid valve, normally open, 24 V DC (Pinch valve normally closed)	II2G / II2D
0 820 005 150.A	0 820 005 150.B	3/2 way solenoid valve, normally closed, 230 V AC (Pinch valve normally open)	zone free
0 820 005 151.A	0 820 005 151.B	3/2 way solenoid valve, normally closed, 24 V DC (Pinch valve normally open)	zone free
0 200 107 583.A	0 200 107 583.B	3/2 way solenoid valve, normally closed, 230 V AC (Pinch valve normally open)	II3G / II3D
0 200 107 580.A	0 200 107 580.B	3/2 way solenoid valve, normally closed, 24 V DC (Pinch valve normally open)	II3G / II3D
0 821 002 003.A	0 821 002 003.B	Quick air-exhaust valve ¼ (incl. silencer)	
Q-DS901-3.A	Q-DS901-3.B	Compressed air switch	
on request	on request	Membrane pressure switch - Type PDC with cable connection	II3G / II3D
on request	on request	Membrane pressure switch - Type PDC with plug connection	II3G / II3D

Spare hoses

NR = Caoutchouc, resistant to abrasion

Order code
QV-SM013-NR
QV-SM020-NR
QV-SM025-NR
QV-SM032-NR
QV-SM040-NR
QV-SM050-NR
QV-SM065-NR
QV-SM080-NR
QV-SM100-NR
QV-SM125-NR

NW = Caoutchouc, food safe, white

Order code
QV-SM013-NW
QV-SM020-NW
QV-SM025-NW
QV-SM032-NW
QV-SM040-NW
QV-SM050-NW
QV-SM065-NW
QV-SM080-NW
QV-SM100-NW
QV-SM125-NW

NRE = Caoutchouc, resistant to abrasion (ATEX)

Order code
QV-SM013-NRE
QV-SM020-NRE
QV-SM025-NRE
QV-SM032-NRE
QV-SM040-NRE
QV-SM050-NRE
QV-SM065-NRE
QV-SM080-NRE
QV-SM100-NRE
QV-SM125-NRE

EP = EDPM

Order code
QV-SM013-EP
QV-SM020-EP
QV-SM025-EP
QV-SM032-EP
QV-SM040-EP
QV-SM050-EP
QV-SM065-EP
QV-SM080-EP
QV-SM100-EP
QV-SM125-EP

EPE = EDPM, food safe (ATEX)

Order code
QV-SM050-EPE
QV-SM065-EPE
QV-SM080-EPE
QV-SM100-EPE

VI = VITON

Order code
QV-SM013-VI
QV-SM020-VI
QV-SM025-VI
QV-SM032-VI
QV-SM040-VI
QV-SM050-VI
QV-SM065-VI
QV-SM080-VI
QV-SM100-VI
QV-SM125-VI

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