

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**

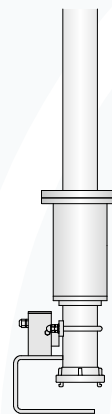
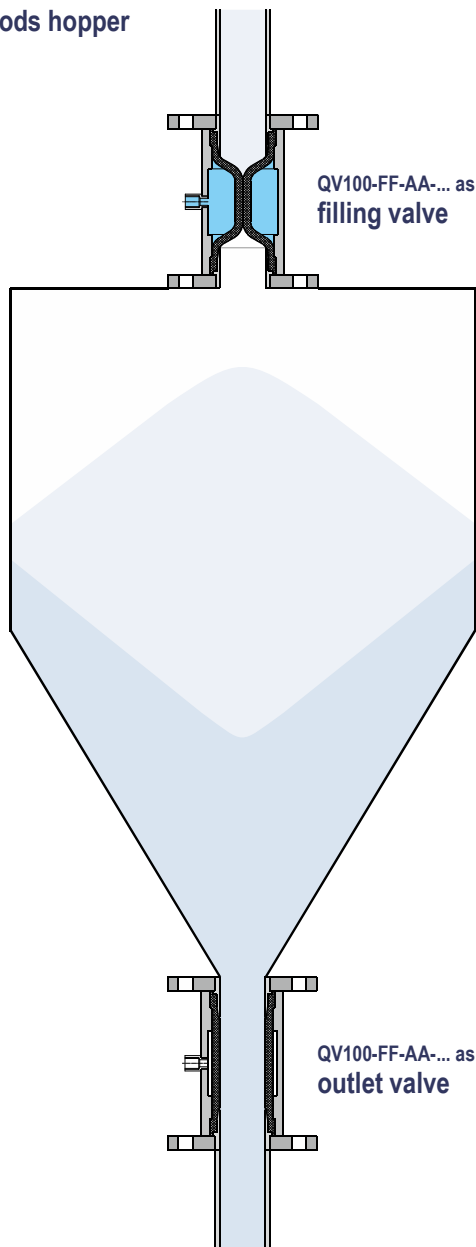


Advantages of MOLLET sinus pinch valves:

- 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.

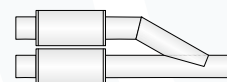
Bulk goods hopper



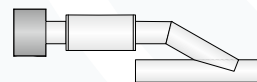
SFA silo filling device

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

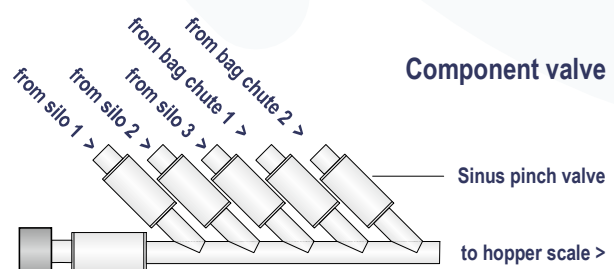
Valve tube switch with QV-050-RR-...



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



Component valve



Sinus pinch valve

to hopper scale >

Selection list

QV013

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

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

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

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 white
EP EPDM
VI VITON

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

B6 II 2/2G IIB TX and II 2/2D TX
B11 II 1/2G IIB TX and II 1/2D TX
B22 II 1/1G IIB TX and II 1/1D TX
>>> by ATEX always NRE-Hoses

QV013 - - - - - ← Order code

QV020

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

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

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

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 white
EP EPDM
VI VITON

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

B6 II 2/2G IIB TX and II 2/2D TX
B11 II 1/2G IIB TX and II 1/2D TX
B22 II 1/1G IIB TX and II 1/1D TX
>>> by ATEX always NRE-Hoses

QV020 - - - - - ← Order code

X,- = prices on request

Selection list

QV040

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

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

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

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 white.....
- EP EPDM.....
- VI VITON.....

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

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

>>> by ATEX always NRE-Hoses

QV040 - - - - - ← Order code

QV050

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

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

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

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 white.....
- EP EPDM.....
- VI VITON.....

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

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

>>> by ATEX always NRE-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 2/2G IIB TX
and
Dust II 2/2D TX
B6

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

ATEX-Option **Gas+**  II 1/1G IIB TX
and
Dust II 1/1D TX
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 white.....
- EP EPDM.....
- VI VITON.....

ATEX-Certifications **Gas+Dust**

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

>>> by ATEX always NRE-Hoses

QV065 - - - - - ← Order code

QV080

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

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

ATEX-Option **Gas+**  II 1/1G IIB TX
and
Dust II 1/1D TX
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 white.....
- EP EPDM.....
- VI VITON.....

ATEX-Certifications **Gas+Dust**

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

>>> by ATEX always NRE-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 2/2G IIB TX
and II 2/2D TX
B6

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

ATEX-Option **Gas+** **Dust**  II 1/1G IIB TX
and II 1/1D TX
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 white.....
- EP EPDM.....
- VI VITON.....

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

- B6 II 2/2G IIB TX and II 2/2D TX.....
 - B11 II 1/2G IIB TX and II 1/2D TX.....
 - B22 II 1/1G IIB TX and II 1/1D TX.....
- >>> by ATEX always NRE-Hoses

QV100 - - - - - ← Order code

QV125

ATEX-Option **Gas+** **Dust**  II 2/2G IIB TX
and II 2/2D TX
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 white.....
- EP EPDM.....
- VI VITON.....

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

- B6 II 2/2G IIB TX and II 2/2D TX.....
- >>> 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 (prefabricated parts)	Designation
0 820 005 250.A	0 820 005 250.B	3/2 way solenoid valve, normally open, 230 V AC (Pinch valve normally closed)
0 820 005 251.A	0 820 005 251.B	3/2 way solenoid valve, normally open, 24 V DC (Pinch valve normally closed)
0 820 005 150.A	0 820 005 150.B	3/2 way solenoid valve, normally closed, 230 V AC (Pinch valve normally open)
0 820 005 151.A	0 820 005 151.B	3/2 way solenoid valve, normally closed, 24 V DC (Pinch valve normally open)
0 821 002 003.A	0 821 002 003.B	Quick air-exhaust valve ¼ (incl. silencer)
Q-DS17.04-3.A	Q-DS17.04-3.B	Pressure switch

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 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

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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