

## 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**

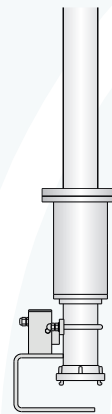
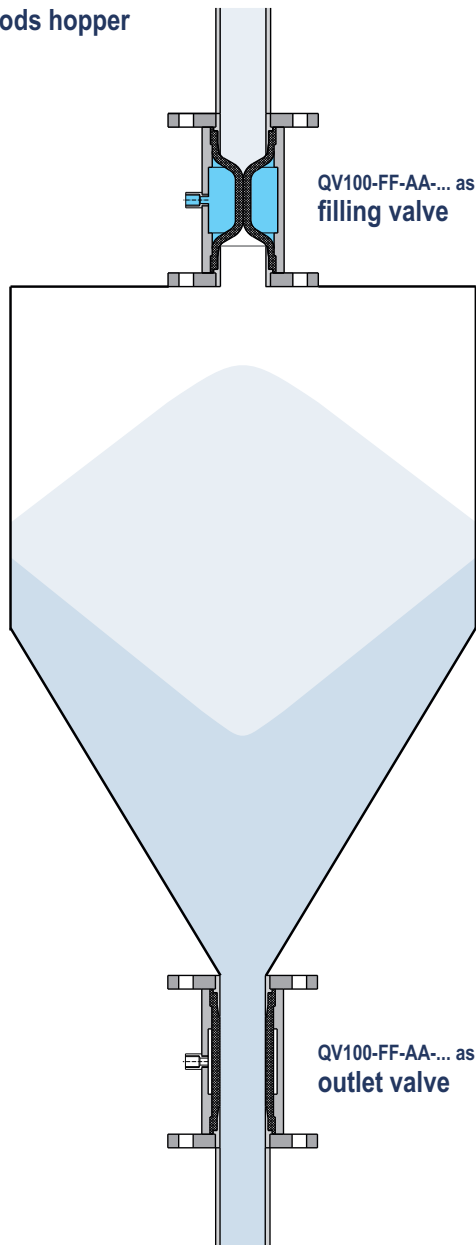


**Advantages of MOLLET sinus pinch valves:**

- 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.**

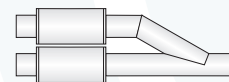
Bulk goods hopper



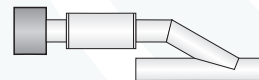
**SFA silo filling device**

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

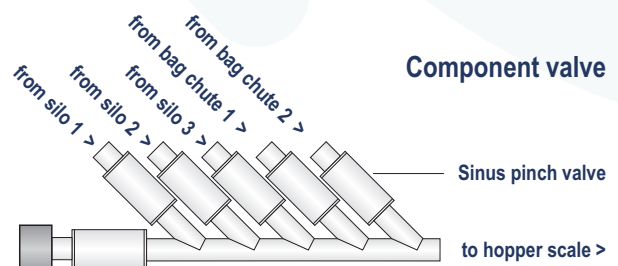
**Valve tube switch with QV-050-RR-...**



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



**Component valve**



## Selection list

# QV013

ATEX-Option **Gas+** **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

**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+** **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

**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 IIIB  
**Dust**

B6

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

B11

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

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

**B22** II 1G IIB and II 1D IIIB .....

>>> by ATEX always NRE-Hoses

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

# QV032

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

B6

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

B11

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

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

**B22** II 1G IIB and II 1D IIIB .....

>>> by ATEX always NRE-Hoses

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

X,- = price on request

## Selection list

# QV040

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 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  
**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 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

# 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 (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 .....	Compressed air 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 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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