

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**

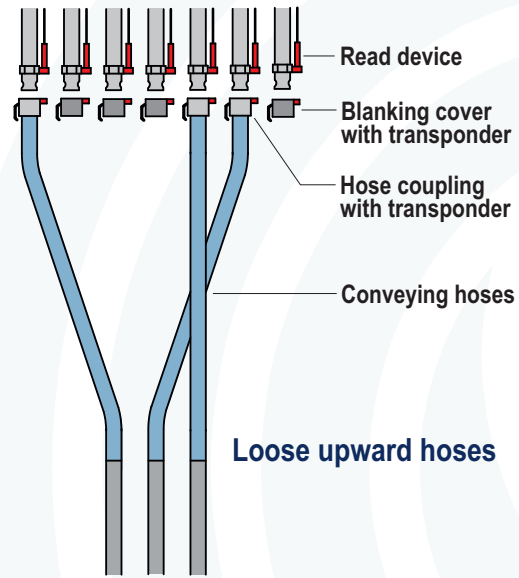
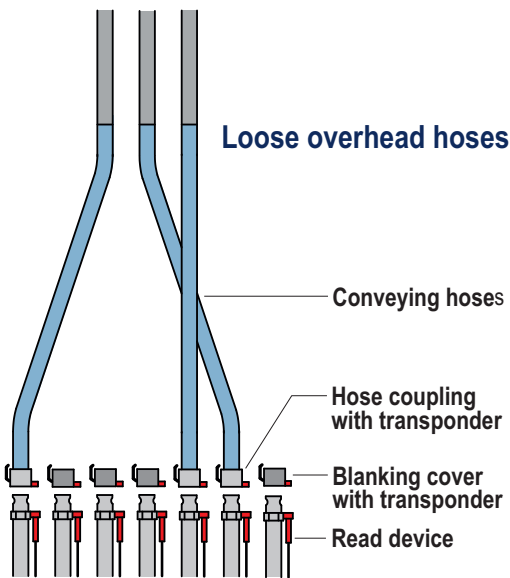
Pinch valves **MOLOS**
valve **17**



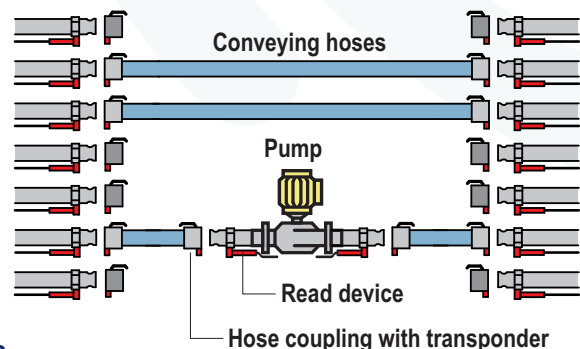
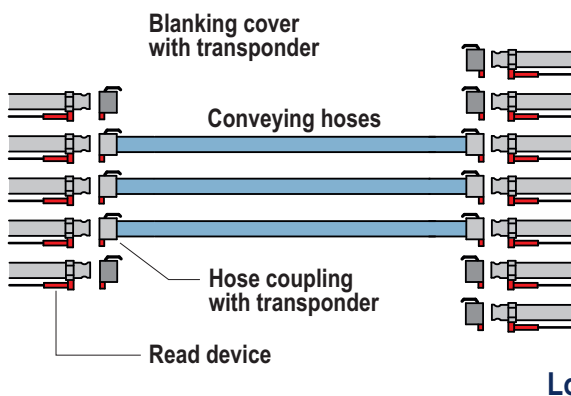
RFID coded couplings at hose coupling stations:

- safety against mix up of hose connections at decanting between tank, silo, intermediate and transportation container as well as production and filling systems
- passages only opened after verification of the correct connection of source-destination-combination by the system control
- elimination human error and off-specification batches

OneSide-Hose coupling stations, couplings with RFID



TwoSide-Hose coupling stations, couplings with RFID

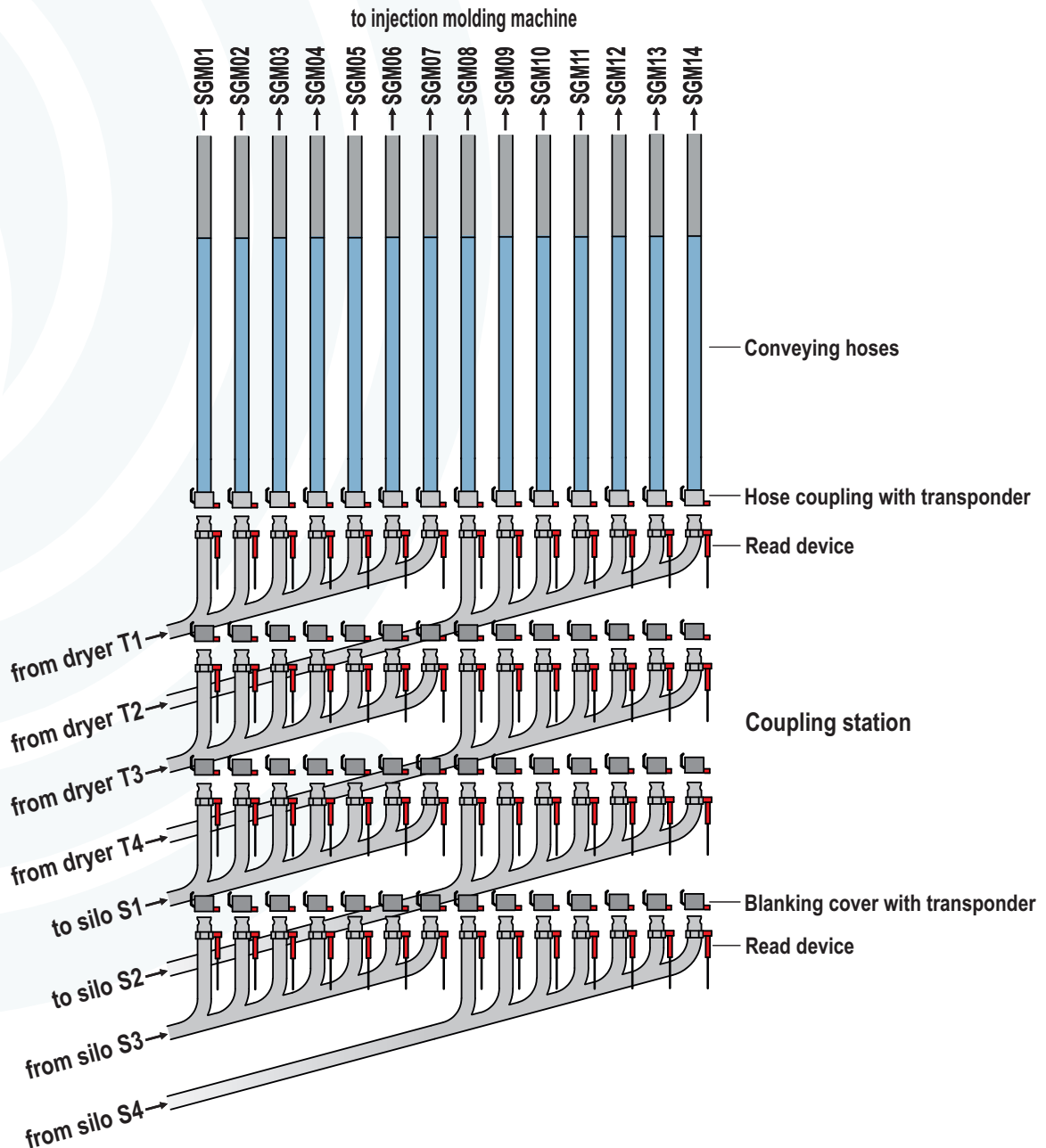




Coupling stations at injection molding factory:

- overview at coupling stations due to RFID-coded couplings
- connection data available in real time
- coupling frequency, connect time and further service data weitere Service-Daten usable
- avoidance of off-specification batches

Coupling stations, couplings with RFID
Example injection molding factory

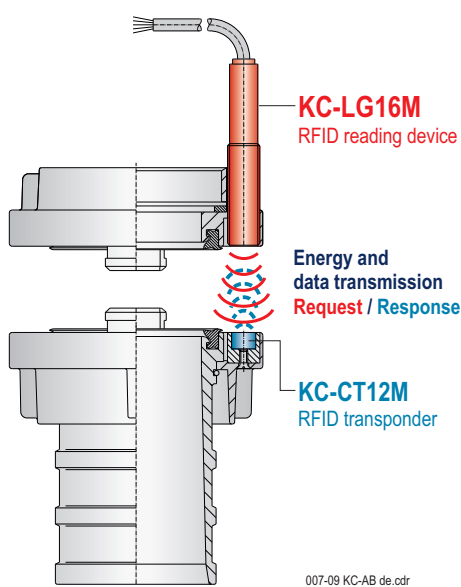




Advantages of coded couplings with RFID-system:

- combination at the hose coupling station contactless identified
- potential mix up of hose connections excluded
- substantial higher safety of production
- comfortable management of hoses
- complete documentation of internal product distribution

The intelligent hose couplings with **RFID**



Storz couplings



Flange connections



KAMLOK couplings



Dairy couplings



Dry couplings



Selection list

KC-LG16M

RFID-Reading device

ATEX option

B0 **Dust**  II 3D III B

Basic device

Choice of options

Environmental temperature

Standard = -20 °C ... +60 °C

HT -20 °C ... +85 °C


Cable length


10 meter

other cable length on request

Certifications, approvals

Standard = CE conform and IP66 ...

B0 ATEX  II 3D III B

KC - LG16M - - 10 -  ← Order code

KC-CT12M

RFID-Transponder

ATEX option

B0 **Dust**  II 3D III B

Basic device

Choice of options


Height of transponder

6 6 mm

8 8 mm

Certifications, approvals

Standard = CE conform and IP66

B0 ATEX  II 3D III B

KC - CT12M - -  ← Order code

MOLOScode system...

... Installation and delivery with the requested connection system
Storz, KAMLOK, Dairy, Flange, Clamp, KAMVALOK

... Installation in supplied high quality dry couplings
e.g. MannTec, Seliger, Gather, Walther, TODO etc.

Prices on request

Prices on request

Selection list

KC-BV08

BUS distributor for 8 reading devices

ATEX option

B0 **Dust**  II 3D IIIB


Basic device

Choice of options

Supply voltage

- C0 7 V ... 9 V DC
- C5 12 V ... 24 V DC with power unit on request

Certifications, approvals

- Standard = CE conform and IP66
- B0 ATEX  II 3D IIIB

KC - BV08M - - -  ← Order code

9

KC-NG

BUS power supply für KC-BV08M

ATEX-Option

B0 **Dust**  II 3D IIIB


Basic device


Choice of options

Supply voltage 8 V DC

- 02M for two BUS distributor (KC-BV08M)
- 04M for four BUS distributor (KC-BV08M)

Certifications, approvals

- Standard = CE conform and IP66 ...
- B0 ATEX  II 3D IIIB

KC - NG - - C5 - -  ← Order code

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Selection list

KC-AB-RS485-DP
RS485-PROFIBUS DP
Protocol converter

Basic device



KC-AB-RS485-PN
RS485-PROFINET PN
Protocol converter

Basic device



KC-AB-RS485-EC
RS485-EtherCAT
Protocol converter

Basic device



KC-AB-RS485-EN
RS485-EtherNet/IP
Protocol converter

Basic device



KC-AB-RS485-MB-RTU
RS485-Modbus-RTU
Protocol converter

Basic device



