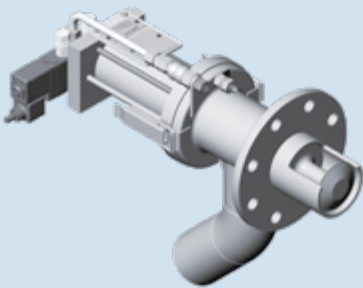




Sampler PN 80

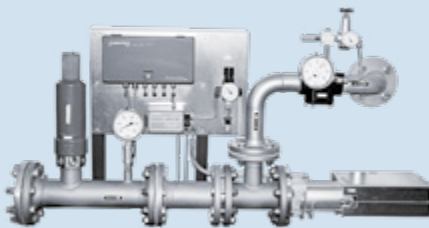


FOR TAKING SAMPLES FROM HOPPERS AND GRAVITY PIPES

- _ Max. operating pressure $\pm 0,2$ bar (2.9 psi) system and differential pressure (except for Version S2)
- _ Operation temperature $-20\text{ }^{\circ}\text{C}$ to $80\text{ }^{\circ}\text{C}$
- _ Double pistons with 0.2 l volume activated by pneumatic actuator
- _ Installation position up to 30° on the horizontal
- _ Cast aluminum or stainless steel housing, stainless steel pistons
- _ Versions for granular products and powders
- _ Food version (quick cleaning, with S2 pistons only)*
- _ Can be used in ex-zones with proper accessories*
- _ Control unit for cycle times*

*Optional.

Air Volume Control Unit LMR-X



CONTINUOUSLY ADJUSTABLE AIR VOLUME FOR LENGTH- AND THROUGHPUT-VARIABLE PNEUMATIC CONVEYING

- _ Laval nozzle with variable effective cross section due to adjustable conical needle
- _ Shut off function included
- _ Activation by linear I/P positioner with 4 - 20 mA
- _ Compressor or net version available
- _ Options: Contact manometer, pressure transmitter, safety valve, version for use in ex-zones (ATEX)

ADDITIONAL COMPONENTS

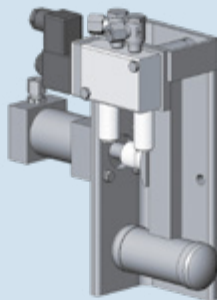
Deflection Bend Gamma-Bend® NT



**GENTLE SEGMENT DEFFLECTION FOR DILUTE-PHASE
PELLET CONVEYING**

- _ Directed 2-point deflection of pellets toward the exit
- _ Product deflection prevents angel hair formation and reduces dust accumulation to a minimum
- _ Lowest pressure drop of any special deflector
- _ Operation pressure up to 4.5 bar in any size
- _ Maintenance-free — no post-processing needed as with surface-treating standard deflection

Pneumatic Hammer PK 125



**ELECTRO-PNEUMATICALLY ACTUATED DISCHARGE
AID FOR WEIGHING HOPPERS, SILOS, ETC.**

- _ Robust, low-maintenance design
- _ Easy to retrofit
- _ Can be combined with additional hammers
- _ Electrical control implemented as a separate unit or incorporated into the overall control concept