

# Pneumag inline magnet for pneumatic conveying lines (permanent magnetic)

## APG / AGHD



(version for 5 bar overpressure)



available

### Application

This high intensity magnetic separator is mainly designed to be installed into pneumatic conveying lines with material speeds up to 25m/s. The PNEUMAG system will be of great interest to the food and pharmaceutical industries with products like flour, sugar, starch, pharmaceutical drugs and other powders and granulates.

The special housing design allows the product to pass through the unit in both directions.

The magnetic separator can be supplied with various flanges to suit the customer's requirements.

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### Performance characteristics

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By means of the leading magnetic performance (9000 gauss on the tube surface) and the offset configuration of the separator rods the PNEUMAG removes even small ferrous and stainless steel particles.

The entire unit is manufactured using 316 grade ST/ST with a polished finish ( $R_a=1,2\mu\text{m}$ ). For the pharmaceutical industry Agromatic can supply a improved surface treatment with  $R_a=0,6\mu\text{m}$ .

According to standard the unit is supplied with the EASY CLEAN facility which allows a quick and easy cleaning.

To secure the system against unauthorized opening Agromatic delivers the PNEUMAG including a anti tamper proof guard with padlock.

All systems are tested and certified to operate at +/-1 bar pressure. In addition units to operate at pressures up to +/-5 bar are available upon request.

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Right of technical and dimensional changes in the sense of process reserved at all times

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