



Fluxus FA Series: Fast and Secure Magnetic Gripping! Pneumatic activation, lightweight design, and efficiency for optimized automation. Ideal for the automotive industry, stamping, and robotic assembly.

Feature

	FA28
Weight	0.50 kg
Working Load ²	16.00 kg
Optimal material thickness	3.50 mm
Max shear	1.65 kg
Overall Height	90.00 mm
Magnetic pole footprint	28 mm

¹ Safety factor 2:1

² Safety factor 4:1

Notice : The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

FLUXUS FA SERIES: MAGNETIC POWER FOR YOUR AUTOMATION!

The FA28 is a pneumatic magnetic gripper developed by Fluxus for industrial automation. This device uses magnetic switching technology activated by compressed air, allowing for rapid activation and deactivation of the magnetic field to safely handle ferritic steel parts. The FA28 is available in multiple configurations, including flat poles, V-shaped, pin-type, or blank versions, and offers PNP, NPN, or sensorless options. This flexibility makes it suitable for various applications such as pick and place, bin picking, transfer in stamping presses, automotive body assembly, and transmission component handling. Additionally, the use of the FA28 helps reduce the size and weight of robotic end-effectors, shortens cycle times, and improves safety, while offering new possibilities for automated manufacturing processes.



Advantages

Pneumatic magnetic switching for shorter cycles.

Reduces the weight of end-effectors and improves maneuverability.

Prevents drops and ensures reliable holding of metallic parts.



Benefits

Limited maintenance costs

Limited peripheral equipment costs

Very low power consumption

Reduced cycle time

Controlled integration costs



pes

product
engineering
services

Zoning de la Rivière, 65
7330 Saint-Ghislain (Belgium)

T : +32 (0)65 76 40 40
E : service@pes-sa.com