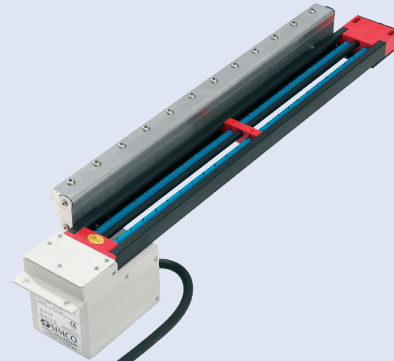


ANTI-STATIC BAR WITH AIRKNIFE

A SIMCO anti-static bar with airknife combine the effects of air amplification and ionisation to produce a high-velocity "sheet" of ionised air (amplification ratio as high as 25:1). This combined effect can be used for static neutralising and dust removal in a single operation, for instance in the automotive finishing, printing, packaging, plastics and textile industries. The airknife is very compact and does not have any moving parts. SIMCO anti-static bars produce an electrical field which causes air molecules to break down into positive and negative ions. These ions are picked up by the high-velocity airflow produced by the airknife and propelled into the work area where they neutralise the charged surface or product.



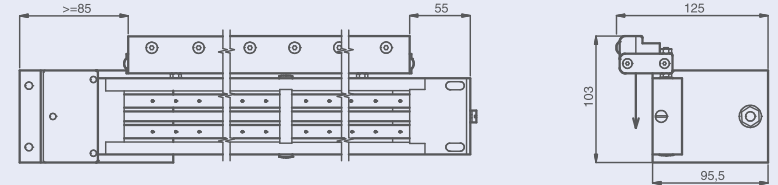
UL US
E-173152



P-SH-N-EX ANTI-STATIC BAR WITH AIRKNIFE

This combination is used to blow ionised air into explosion-hazardous areas. A compact power unit is integrated in the bar.

P - Sh - N - Ex



TECHNICAL SPECIFICATIONS

P-Sh-N-Ex with airknife	
Working distance	3000 mm
Working width	standard: 76 150 310 460 610 mm, lengths upto 2000 mm on request
Housing material	aluminum / steel
Inner bar material	PVC
Ionisation point	special alloy
Cable	5 m (Neoprene)
Weight	base 2 kg + 2,8 kg/m
Ambient temperature	0 - 40 °C
Use circumstances	industrial
Operating voltage	7 kV AC
Air consumption	on request
Pressure	Max. 10 bar
Airconnection	1/4" BSP
Option	airfilter
Suitable power unit	integrated
U primary	230 V, 50 Hz
Approval	UL, ATEX
ATEX category	II 2 GD Ex smb IIB T4 Ex mD 21 T135C
ATEX certificate	BAS00ATEX2162X