



P-Sh-N-Ex

Simco-Ion anti-static bars are also available for applications requiring long range neutralisation and for being used in certain hazardous zones. These anti-static bars are shock-proof; every emitter pin is coupled capacitively to the high voltage. The anti-static bar for hazardous areas is equipped with an integrated power unit, so the need for an external high-voltage cable is eliminated. For larger working distance or 3D objects an ioniser including blower is available.

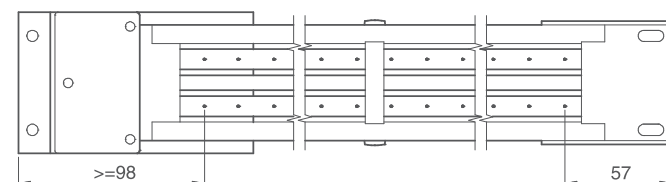
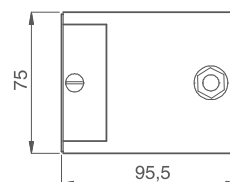
This anti-static bar has the same properties as the P-Sh-N but is equipped with an integrated power unit, you do not need a high-voltage cable. This anti-static bar has been approved for use in certain hazardous environments. The 5m long primary cable shall be connected to the mains voltage. A neon lamp can indicate that a high voltage is present. Under certain conditions the P-Sh-N-Ex bar is capable of neutralizing the materials from a maximum distance of 200 mm.

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Technical specifications

Working distance	200 mm max.
Housing material	aluminum/ steel
Inner bar material	PVC
Emitter pins	special alloy
Cable bar	5 m (Neoprene)
Weight	Base 2 kg + 0,8 kg/m
Ambient temprature	0- 40 °C
Use circumstances	Industrial
U primary	230 V, 50 Hz
Power consumption	30 Watt
Options	neon lamp, external
Suitable power unit	Intergrated
Approval	UL, ATEX
ATEX catogory	II 2 GD Ex smb B T4 Ex mD 21 T135C
ATEX certificate	BASOOATEX2162X
Maximum lenght	6000 mm



Technical drawing P-Sh-N-Ex