

PRESS RELEASE

swepro Group presents: safety silencers to reduce noise levels in industry

02/06/2015 – As the exclusive partner of Silvent AB Sweden, swepro Group is unveiling a series of patented safety silencers with an integrated early warning system for wear and tear. By reducing noise levels by between 30 to 35 dB(A), these safety silencers reduce the risk of hearing damage in industrial applications, improving the working environment. Costly malfunctions can also be prevented thanks to the early warning system for wear and tear.

Many researchers and experts believe that noise is one of the biggest environmental problems of our time. The risk of exposure to excessive noise is especially high in the field of industrial pneumatic applications in particular. To make pneumatic applications safer, the swepro Group offers a series of safety silencers. The patented system offers extremely effective noise reduction, compact installation dimensions as well as an innovative early warning indicator for wear and tear.

70 to 80% of hearing loss in industry is due to noise from compressed air

Noise from pneumatic valves can be very dangerous. For example, 70 to 80% of hearing loss in industry is due to noise from compressed air. Carsten Becker, sales manager at swepro, understands the problems and says: "Fitting valves with pneumatic silencers can significantly minimise the risk of hearing loss. The obvious advantages of our safety silencers include the early warning system for wear and tear as well as noise reduction through an internal dynamic filter, all improving the working environment. As a result, industrial pneumatic applications can be designed to be safer and more effective."

Integrated warning indicator minimises costly machine downtime

A well-known problem with conventional silencers is that the filter, what is known as the diffuser, leads to machine failures, malfunctions and the risk of accidents over time due to contaminants. The swepro safety silencers provide the optimal solution thanks to the early warning system for wear and tear. The indicator gives an early indication if the back pressure in the pneumatic system is too high. Users and maintenance personnel can see when the silencer must be replaced before this leads to costly operational disturbances. Electronic monitoring by the warning indicator also means they can stop the machine when the filter needs changing. These safety silencers reduce noise by between 30 to 35 dB (A).

swepro has been a specialised supplier of pneumatic technology in Europe for over 30 years. As the exclusive partner of SILVENT AB, Sweden, the Neuss-based company is in a position to deliver modern, safe and efficient products as well as intensive customer support. Moreover, swepro also offers its customers tailored product solutions in addition to its extensive standard range. All swepro products stand out thanks to their long service life, low maintenance and superior operational safety.

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Attached:

Technical view: Design of a safety silencer



Product image: Safety silencer SIS-05



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