

FOR IMMEDIATE RELEASE

Stainless Steel Safety Hinge Solution Leuze

The Leuze S420 safety hinge switch unites the safety switch and door hinge functions in a single component. This stainless steel safety hinge switch, available from Countapulse Controls, offers an ideal solution for mechanically and hygienically challenging applications such as the food and beverage, pharmaceutical or cosmetics industries.

There are numerous applications for these high quality safety hinge switches. An example would be for the position monitoring of hard guards such as protective hoods that can rotate by means of a monitoring switch (without guard interlocking) integrated into the hinge. The switch does not require an external actuator which means it is also suitable for use in environments with high dust concentration levels or with heavy particle loads.

Fault-free function is ensured even with warped or misaligned doors by means of a repeatable setting (switching angle alignment). The actuator is integrated into the housing while electrical connection is by means of either a cable or an M 12 plug with optional cable entry from above, below or on the wall or mounting side. This allows for the monitoring of all types of doors, hoods and flaps. The safety hinge switch has an opening angle of up to 180° which can be adjusted as many times as needed.

The Leuze S420 stainless steel switch offers optimum cleaning options even with high pressure cleaning, thanks to a wall side cable outlet, a high grade surface with a roughness of less than 0.8 micrometres and an IP 67, IP 69 K level of protection. In addition, covered tamper proof screws reduce the risk of contamination by a considerable margin.

This safety hinge switch is also recommended for the woods product industry in situations where high availability is critical under dust and particle loads. Through the six-point bolting of the joint, even heavy doors can be guarded reliably and with extended service intervals. Users can select from device versions featuring contact blocks or safety related switching outputs (OSSDs). This makes it possible to have a series connection of 32 devices without compromising the safety level.

Countapulse Controls has over 40 years' experience in specialist sensing technology and offers reliable, efficient and application appropriate sensing, control and motion detection solutions. Brands represented include Hengstler counters and encoders, Leuze photoelectric sensors and other sensing solutions, EGE flow monitoring and specialised sensors, Pulsotronic inductive sensors, ABP drive components and Secatec magnetic switches.

STAINLESS STEEL SAFETY HINGE 01: The Leuze S420 stainless steel switch from Countapulse Controls is ideal for industries where strict cleanliness and hygienic control are critical.

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