

FOR IMMEDIATE RELEASE

**Countapulse Controls Offers Latest Stainless Steel Safety Hinge Solution
For Food And Beverage Industry**

A new stainless steel safety hinge switch from Leuze that offers an ideal solution for mechanically and hygienically challenging problems in sectors such as the food and beverage, pharmaceutical or cosmetics industries is being distributed locally by Countapulse Controls. These are all industries that require strict cleanliness and hygiene control, which is where the high safety level of the Leuze S420 stainless steel switch comes to the fore.

Safety hinge switches essentially unite the safety switch and door hinge functions in a single component. They are used 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. Due to the fact that external actuators are not required with these switches, they can also be used problem free 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.

S420 SAFETY HINGE SWITCH 01: The Leuze S420 stainless steel switch from Countapulse Controls is ideal for industries such as food and beverage where strict cleanliness and hygienic control are critical.

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