



Ex II 2GD

ATEX EEx-d Switchbox



Doc: LSBEXD/01

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IP67 Hazardous area aluminium limit switchbox with flat window cover ~ explosion proof

The LSB EXD range is an IP67 weatherproof limit switchbox that provides remote end of travel confirmation by means of internal cams or targets striking switches. The cams are fitted to the switchbox drive shaft which in turn is connected to the actuator pinion using the Namur interface.

The ATEX approved LSB EXD switchbox has an aluminium housing with a high visibility domed, a stainless steel drive shaft and is supplied complete with a mounting bracket and fixings. The bracket and mounting conforms to VDI/VDE 3845 and Namur.



Codes:

LSB EXD 2 x V3 SPDT mechanical micro switches

Approval:

Sira (UK) Certificate No: 02ATEX I 193 in acc. with EXC Directive 94/9/EC
Ex II 2GD EExd IIB T6

Materials:

Body	Aluminium
Cover	Aluminium
Shaft	Stainless
Bracket	Plastic
Temp range	-20 to +70°C
Connection	M20 x 1.5

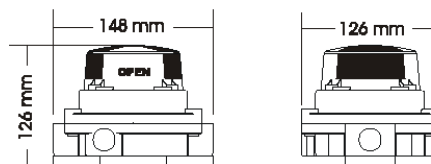
Switch options: Details on application

2 or 4 No V3 SPDT (2 No = Standard stock)
2 or 4 No V3 SPDT Gold Contacts
2 or 3 wire Inductive Proximity Sensors
NJ2-V3-N Pepprl & Fuchs switches
1kOHM potentiomer
1kOHM potentiometer with 2 switches
4-20mA Position transmitter
Hermetically sealed proximity switches
AS Interface card (ASI)

Mounting codes:

Actuator mounting	Shaft height	Code
80 x 30	20	80-20
80 x 30	30	80-30
130 x 30	30	130-30
130 x 30	50	130-50

Dimensions:



Fits the CH-air A Type Pneumatic actuator ~ Actuator features :

Robust rack and pinion construction

High accuracy machining of components

ATEX Ex II 2 GD approved for use in hazardous areas

CE Approved

Guaranteed for 1,000,000 cycles

Balanced air & spring strokes in spring return version

Safe to dismantle for routine maintenance

Compliant with all actuator standards

Accessories are easy to mount

Hard anodised aluminium body

ENP coated option (Extra cost)

Teflon® coated option (Extra cost)

Stainless steel version (Extra cost)