



Ex II 2GD

# ATEX EEx-ia Switchbox



Doc: LSBEXI65/01

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## IP65 Hazardous area plastic limit switchbox with flat window cover ~ intrinsically safe

The LSB EXI-65 range is an IP65 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 EXI-65 has a plastic housing with a plain window cover, a stainless steel drive shaft and is supplied complete with a stainless steel mounting bracket and fixings. The bracket and mounting conforms to VDI/VDE 3845 and Namur.



### Codes:

- LSB EXI-65.P 2 x P+F NJ5 I I NG inductive proximity sensors
- LSB EXI-65.T 2 x Turck NI5 G12 Y1 inductive proximity sensors

### Approval:

LOM (Spain) Certificate No: LOM 05ATEX2024 in acc. with EXC Directive 94/9/EC  
Ex II 2GD EExia IIC T6

### Materials:

Body	Reinforced polyamide
Cover	Reinforced polyamide
Shaft	Stainless
Bracket	Stainless
Temp range	-20 to +70°C
Connection	Plastic Ex cable gland

### 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

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)*



Cylindrical NAMUR proximity sensors, 5mm sensing range, NAMUR output, intrinsically safe when connected to an ATEX approved I.S. Barrier.

