



Ex II 2GD

ATEX EEx-ia Switchbox



Doc: LSBEXI65/01

Nov 2007

IP65 Hazardous area plastic limit switchbox with flat plain or 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

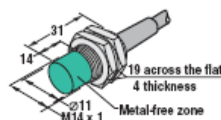
ENP coated option (Extra cost)

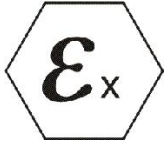
Teflon® coated option (Extra cost)

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.





Ex II 2GD

ATEX EEx-ia Switchbox



Doc: LSBEXI67/01

Nov 2006

IP67 Hazardous area aluminium limit switchbox with flat window cover ~ intrinsically safe

The LSB EXI-67 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 EXI-67 has an aluminium 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-67.P 2 x P+F NJ5 I I NG inductive proximity sensors
- LSB EXI-67.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:

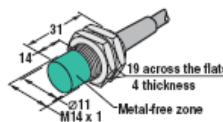
Body	Aluminium
Cover	Aluminium
Shaft	Stainless
Bracket	Stainless
Temp range	-20 to +70°C
Connection	Plastic Ex cable gland

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



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



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)