



LSXA3K-1A



Actual product appearance may vary.

**Explosion-Proof Limit Switches LSX
Non Plug-in: Side Rotary; 1NC 1NO
SPDT Snap Action; 0.5 in - 14NPT
conduit; Lever Included**

Features

- Sealing - applicable portions of NEMA 1, 3, 4, 6, 7, 9, and 13
- Tracking interchangeability with MICRO SWITCH ML-E1 and HDLS
- Variety of heads and non-sparking actuators
- Field adjustability matches switch to application
- Momentary, maintained, sequential, or center neutral action
- 10 A continuous carry electrical rating
- Choice of silver or gold contacts
- 1/2 or 3/4 inch conduit opening
- UL Listed, file #E61730
- CSA Certified, file #LR57327
- Internal grounding screw

Potential Applications

- Control valves and actuators
- Petroleum plants
- Chemical plants
- Waste treatment
- Hazardous waste handling

Description

MICRO SWITCH™ LSX switches are for use either indoors or outdoors in hazardous atmospheres as they are a completely sealed, explosion-proof device. Mounting hole location and tracking is the same as the long established MICRO SWITCH ML-E1 explosion-proof switch. An optional mounting plate provides the same tracking and mounting as the standard HDLS. The majority of HDLS operating heads and circuitry options are available on the LSX. Standard HDLS levers are used, but because of explosion-proof requirements, only nylon rollers or other non-sparking material can be selected. Plunger and cat whisker types listed in the LSX order guide are non-sparking materials. The MICRO SWITCH™ LSX withstands pressure of an internal explosion and cools the exploding gases below the kindling temperature of the explosive atmosphere. Flame paths are provided by the cover-housing threads and an extended plunger between the switch cavity and head.

Product Specifications	
Availability	Global
Operating Force (O.F.)	0,45 N m max. [4 in lb max.]
Pretravel (P.T.)	15° max.
Overtravel (O.T.)	60° min.
Differential Travel (D.T.)	5° max.
Product Type	MICRO SWITCH™ Weather-Sealed, Explosion-Proof Limit Switches
Actuator	Side Rotary
Lever Style	1.5 in Fixed Length Lever with front mounted Nylon Roller (.75 in dia. x .25 in wide)
Circuitry	1NC 1NO Single-Pole Double-Throw, Snap-Action, Double-Break
Ampere Rating	10 A (Thermal)
Supply Voltage	600 Vac and 250 Vdc max.
Housing Material	Zinc Die-Cast
Termination Type	0.5 in - 14NPT conduit
Housing Type	LSX Non Plug-in
Series Name	LSX
Sealing	NEMA 1, 3, 4, 6, 7 (Class 1, Division 1, Groups B, C, D), 9 (Class 2, Division 1, Groups E, F, G), 13
Approvals	UL listed, CSA Certified
CSA File #	LR57327
UL File #	E61730
Operating Temperature Range	-12 °C to 121 °C [10 °F to 250 °F]
Comment	Lever Included
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Explosion-proof