



Lever NOT included

*Representative photograph,
actual product appearance may
vary.*

*Due to regional agency approval
requirements, some products
may not be available in your
area. Please contact your
regional Honeywell office
regarding your product of
choice.*

LSXM4N

**Explosion-Proof Limit Switches LSX Non Plug-in: Side
Rotary; 2NC 2NO DPDT Center Neutral; 0.75 in - 14NPT
conduit**

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

Typical Applications

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

Description

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 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.



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Product Specifications	
? Availability	? Global
? Operating Force (O.F.)	? 0,45 N m max. [4 in lb max.]
? Pretravel (P.T.)	? 18 ° max.
? Overtravel (O.T.)	? 57 ° min.
? Differential Travel (D.T.)	? 10 ° max.
? Product Type	? Weather-Sealed, Explosion-Proof Limit Switches
? Actuator	? Side Rotary
? Lever Style	? Lever Not Included - Reference Lever Required Accessory
? Circuitry	? 2NC 2NO Double -Pole Double-Throw, Center-Neutral, Snap-Action, Double -Break
? Ampere Rating	? 10 A (Thermal)
? Supply Voltage	? 600 Vac and 250 Vdc max.
? Housing Material	? Zinc Die -Cast
? Termination Type	? 0.75 in - 14NPT conduit
? Housing Type	? LSX Non Plug-in
? Series Name	? LSX Series
? 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	? -1 ° C to 121 ° C [30 ° F to 250 ° F]
? Comment	? SPDT-DB each direction (Pole 1 operates CCW / Pole 2 operates CW)
? UNSPSC Code	? 302119
? UNSPSC Commodity	? 302119 Switches and controls and relays
? Sealed	? Explosion-proof



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WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

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WARNING

MISUSE OF DOCUMENTATION

- ✍ The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- ✍ Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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