

Honeywell

HEAVY DUTY LIMIT SWITCHES



MODULAR
DESIGN



EASY TO
INSTALL



RUGGED
CONSTRUCTION



HEAVY DUTY LIMIT SWITCHES

Honeywell's MICRO SWITCH heavy-duty limit switches' modular construction allows for a wide variety of actuator styles, operating heads, and electrical circuitry options.

They are ideal for many applications with demanding indoor and/or outdoor environments, where they may be subjected to shock or vibration from equipment, temperature extremes, dust, splashing water, coolant, and/or hose-directed water.

MODULAR DESIGN

Wide variety of actuators, switch options, and head styles Configurable product platform for design versatility

EASY TO INSTALL

All MICRO SWITCH™ Heavy Duty Limit Switches (HDLS) have exactly the same mounting dimensions. They may be mounted by either of two methods:

- | use two screws from the front, or
- | use two screws from the back.

RUGGED CONSTRUCTION

Rugged, corrosion-resistant zinc head and body are phosphate treated and epoxy coated .NEMA 1, 3, 4, 4X, 6, 6P, 12, 13 and IP65/66/67 environmental sealing

CONTACT OPTIONS

- | 1NC 1NO SPDT snap action, double break
- | 2NC 2NO DPDT snap action, double break
- | 2NC 2NO DPDT center neutral, snap action, double break
- | 2NC 2NO DPDT sequential, snap action, double break

ELECTRICAL RATING

- | 10A Continuous Carry for 240V AC
- | 10A Continuous Current for 24V DC loads (Resistive/Inductive)

HAZARDOUS AREAS

HDLS Limit Switches available with Dust Ignition Protection (DIP) by Enclosure “tb”

BX Series Limit Switches available for hazardous areas.

Approvals: UL, CSA, ATEX (CE), IEC Ex, INMETRO (Brazil), NEPSI Ex (China), and KOSHA/KTL (select listings - Korea)



LIMIT SWITCHES - 1NC/1NO			ACTUATORS			
LS4A1A	LS4YAC1A	BX4A3K	LSZ52A or LSZ52B	LSZ52C or LSZ52D	LSZ54M	LSZ62S
LIMIT SWITCHES - 2NC/2NO						
LS4A2B	LS4YAC2B	BX4A4L	<ul style="list-style-type: none"> • Fixed Roller Lever • Nylon or Steel Roller 	<ul style="list-style-type: none"> • Adjustable Roller Lever • Nylon or Steel Roller 	<ul style="list-style-type: none"> • Adjustable 5.5 Rod • Aluminium Rod 	<ul style="list-style-type: none"> • Belt Drift Roller Actuator
<ul style="list-style-type: none"> • Side Rotary • 20mm Conduit Entry 	<ul style="list-style-type: none"> • Side Rotary • 20mm Conduit Entry • DIP • IECEx Ex tb Certified 	<ul style="list-style-type: none"> • Side Rotary • 20mm Conduit Entry • IECEx Ex d • IECEx Ex tb Certified 				

LOCALLY STOCKED

DIFFERENT HEAD STYLES



TOP OR SIDE ROLLER PLUNGER		TOP OR SIDE PIN PLUNGER		COIL SPRING	CAT WHISKER	DELRIN ROD
Top Roller Plunger	Side Roller Plunger	Top Pin Plunger	Side Pin Plunger	Wobble Coil Spring 330mm	Cat Whisker 140mm	Wobble Delrin Rod 140mm
20mm Conduit Entry						
LIMIT SWITCHES - 1NC/1NO						
LS4D1A	LS4F1A	LS4C1A	LS4E1A	LS4J1A-7M	LS4K1A-8A	LS4J1A-7A
LIMIT SWITCHES - 2NC/2NO						
LS4D2B	LS4F2B	LS4C2B	LS4E2B	LS4J2B-7M	LS4K2B-8A	LS4J2B-7A

LOCALLY BUILT

ALSO AVAILABLE:

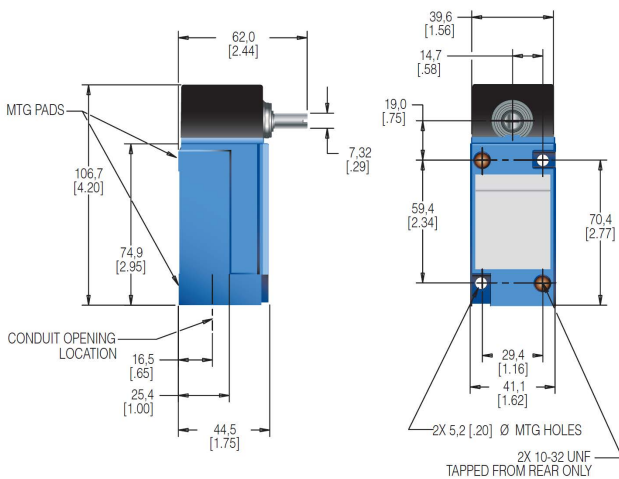


Fully potted MICRO SWITCH HDLS heavy-duty limit switches provide an extra degree of protection in harsh environments by sealing the basic switch cavity with epoxy. These switches are the same as the non plug-in HDLS except that the entire switch cavity is filled with epoxy in addition to the conduit entrance. The fully potted HDLS switches are pre-leaded, with either cable or connectors.

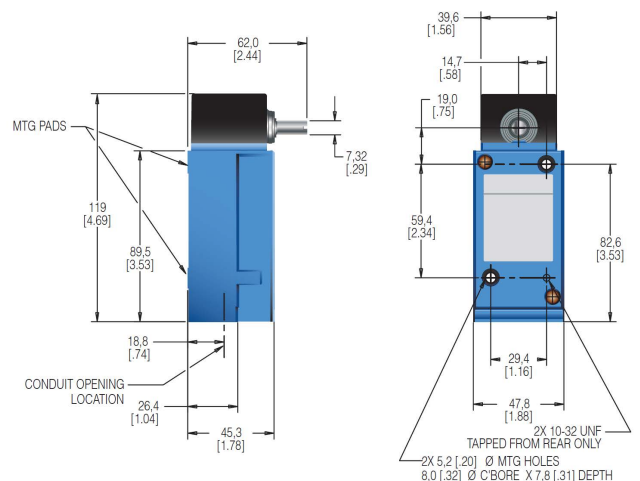


MICRO SWITCH HDLS switches are also available in all stainless-steel versions. Designed for use in highly corrosive environments, such as petrochemical plants, food processing plants, shipboard, and dockside locations. The type 316 cast stainless steel body is designed to minimize crevices where food particles could become trapped in water. The actuator, operating head, and screws are also stainless steel. All seals are fluorocarbon to provide excellent chemical resistance and to withstand operating temperatures up to 121°C and pressurized steam cleaning. Pre-leaded and epoxy-filled versions also available.

SPDT Plug-in (mm[in])



DPDT Plug-in (mm[in])



Refer to the Honeywell MICRO SWITCH Heavy-Duty Limit Switch Catalogue O2345-10-EN for full product specifications



OUR LOCATIONS

National footprint with strategic local stockholdings.

APS Industrial is headquartered in Melbourne and in addition has a national network of offices in Adelaide, Perth, Sydney, Brisbane and Tasmania supported by strategic local stockholdings and expert technical and application knowledge.

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