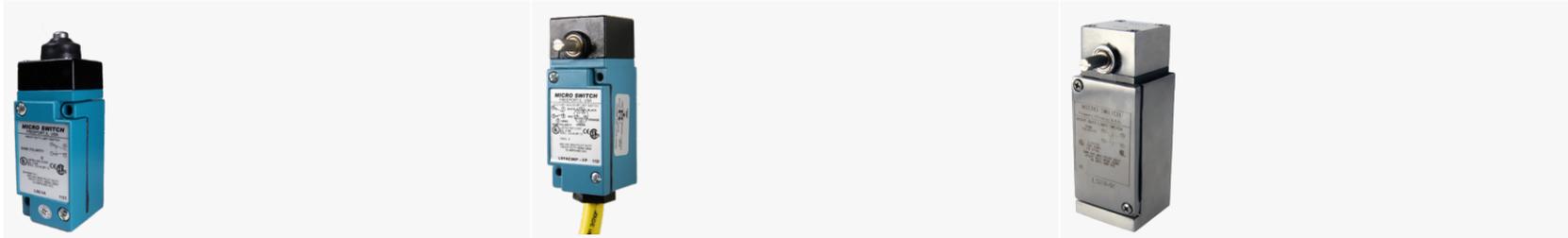


# MICRO SWITCH LIMIT SWITCH HEAVY-DUTY COMPARISON

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.



SERIES	HDLS STANDARD & PLUG-IN	HDLS EPOXY SEALED BODY	HDLS STAINLESS STEEL
<b>Certifications</b>	CE, UKCA, CCC, CSA, UL	CE, UKCA, CSA, UL	CE, UKCA, CCC, CSA, UL
<b>Mounting, centers or bushing diameter (mm)</b>	30 × 60	30 × 60	30 × 60
<b>Body dimensions (l × w [depth] × h (mm))</b>	One pole: 41,2 × 44,5 × 74,9 Two pole: 47,8 × 45,5 × 89,7	One pole: 41,2 × 44,5 × 74,9 Two pole: 47,8 × 45,5 × 89,8	47,8 × 45,5 × 93,7
<b>Sealing</b>	IP65, 66, 67; NEMA 1, 3, 3R, 4, 4X, 6, 6P, 12 (without cable), 13	IP65, 66, 67; **NEMA 1, 3, 3R, 4, 6, 6P, 12, 13	IP65, 66, 67; NEMA 1, 3, 3R, 4, 4X, 6, 6P, 12 (without cable), 13
<b>Operating temperature</b>	-12 °C to 121 °C; optional -40 °C to 121 °C	-12 °C to 121 °C; optional -40 °C to 121 °C	-12 °C to 121 °C; optional -40 °C to 121 °C
<b>Electrical</b>	AC15, A600; DC13, R300: 10 A Thermal	AC15, A600; DC13, R300: 10 A Thermal	AC15, A600; DC13, R300: 10 A Thermal
<b>Positive opening NC contacts</b>	No	No	No
<b>Electrical connection*</b>	Threaded conduit, pre-cabled or connector	Threaded conduit, pre-cabled or connector	Threaded conduit, pre-cabled or connector

The HDLS limit switch was designed specifically to be more resistant in the **harshest** indoor/outdoor environments, where they may be subjected to shock or vibration, temperature extremes, dust, splashing water, coolant and/or hose down.

**Robust** design elements allow the switch to function for up to 50 million mechanical cycles. Repeatable operation and enhanced sealing area key features.

The modular construction and wide variety of actuator styles, circuitry options and conduit connections offer design flexibility to the end user **without compromising durability or quality.**

## APPLICATIONS



**Machine Control**

Senses end-stop detection



**Agriculture Equipment**

Monitors the position of moving parts



**Lifts and Booms**

Senses position of boom and stabilizing equipment



**Fabricating Machines**

Senses points of various moving parts



**Control Valves**

Determines off and on position of the valve stem

## SUPPORTING DOCUMENTATION

Click the document title or icon to view the material.

-  MICRO SWITCH Limit Switch Comparison
-  Industrial Applications Brochure
-  White Paper: Why Limit Switches
-  White Paper: Impacts of Shock and Vibration on a Limit Switch
-  Ebook: High Performing Solutions for Rugged Environments
-  Ebook: Factory Automation
-  Switching Solutions for Irrigation Applications
-  Industrial Warehouse Solutions
-  Limits and Machine Safety Product Range Guide



### REPEATABLE

HDLS limit switch offer repeatable operating characteristics assisting our customers to meet critical tolerances over.



### VERSATILE

The modular construction and wide variety of actuators and circuitry options offer design flexibility to the end user while maintaining the highest degree of performance and quality.



### RUGGED

The MICRO SWITCH HDLS unique design features offer a robust and rugged limit switch that exceeds 50 million mechanical operations.

## Honeywell Sensing & Safety Technologies

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