

Interactive Catalog Supplements Catalog PDFs

If you need detailed product information, or help choosing the right product for your application, see our **Interactive Catalog**. Use the **Interactive Catalog** to access the most complete and up-to-date information available.

The **Interactive Catalog** provides an extensive collection of product specifications, application data, and technical literature that can be searched based on criteria you select.

This PDF catalog information was published in November 2000.



Sensing and Control
**Interactive
Catalog...**

**Click this icon to try
the Interactive Catalog.**

Sensing and Control

Honeywell Inc.

11 West Spring Street

Freeport, IL 61032

www.honeywell.com/sensing

Limit and Enclosed Switches

Compact Limit Switches

SL1 Series



- FEATURES**
- Ideal source of replacement parts for imported machine tools or transplant factories
 - NEMA 3,4, 13 and IEC IP 67 sealing
 - Smaller size saves space
 - Rugged Zinc diecast housing
 - Wide product selection to suit many applications
 - Snap-in terminal enclosure makes mounting and wiring easy
 - Temperature ranges: Standard –10 to +70°C (14 to 158°F); Low temp. with roller lever –40 to +70°C (–40 to 158°F); Low temp. with roller plunger –50 to 70°C (–60 to +158°F)

SL1 series compact limit switches are sealed, sensitive, and have a long life. The compact size makes them suitable for the total miniaturization of machinery or equipment.

Versions are available with: gold-clad cross-point contacts, prewiring, lamp indications, seal boots with roller plungers, and a variety of actuating possibilities.

For rapid response – off the shelf service, all **bold face** listings are normally stocked items.

CIRCUITRY AND ELECTRICAL RATING

 Single-Pole Double-Throw	Listing	Rating	Contact
	SL1-□	5A-125, 250VAC	Silver
	SL1-□ K	0.1A-125VAC 0.1A-30VDC	Gold Clad Cross Point

Note: Conduit will seal to cable diameters from 5.8mm to 9.6mm.

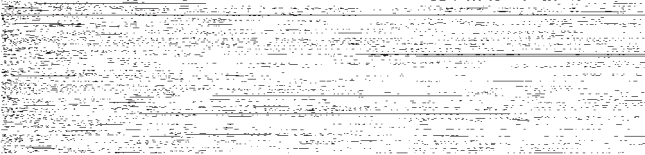
ORDER GUIDE AND MOUNTING DIMENSIONS
UL/CSA listings available by adding “2” to catalog listing.
Example: SL1-A2

UL Recognized, file #E37559
CSA Certified, file #LR61344, LR21098, LR47132, LR61643

ROLLER PLUNGER



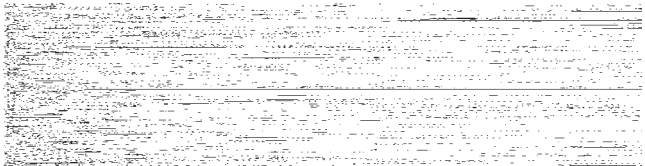
Catalog Listing	SL1-A SL1-AK
O.F. (max.)	1,200 g
R.F. (min.)	500 g
P.T. (max.)	1.5 mm
O.T. (min.)	3 mm
D.T. (max.)	0.1 mm
O.P.	31.4 mm



CROSS ROLLER PLUNGER



Catalog Listing	SL1-D SL1-DK
O.F. (max.)	1,200 g
R.F. (min.)	500 g
P.T. (max.)	1.5 mm
O.T. (min.)	3 mm
D.T. (max.)	0.1 mm
O.P.	31.4 mm



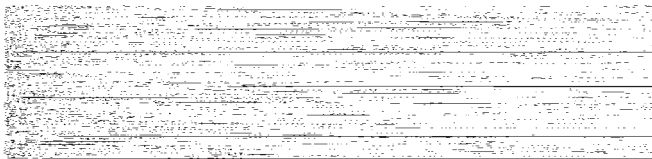
Characteristics: O.F. - Operating Force; R.F. - Release Force; P.T. - Pretravel; O.T. - Overtravel; D.T. - Differential Travel; N - Newtons

A black, rectangular limit switch with a cylindrical plunger on the right side and two square mounting tabs on the left.

STRAIGHT PLUNGER

Catalog Listing	SL1-H
	SL1-HK

O.F. (max.)	1,200 g
R.F. (min.)	500 g
P.T. (max.)	1.5 mm
O.T. (min.)	3 mm
D.T. (max.)	0.1 mm
O.P.	25.4 mm

A black, rectangular limit switch with a cylindrical plunger on the right side and two square mounting tabs on the left.

A black, rectangular limit switch with a lever on the top and two square mounting tabs on the left.

ROLLER LEVER

Catalog Listing	SL1-P
	SL1-PK

O.F. (max.)	400 g
R.F. (min.)	80 g
P.T. (max.)	2 mm
O.T. (min.)	4 mm
D.T. (max.)	0.3 mm
O.P.	23.1 mm

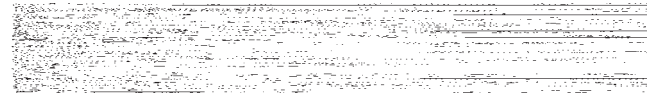
A black, rectangular limit switch with a lever on the top and two square mounting tabs on the left.

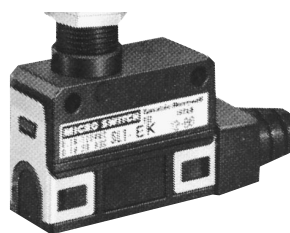
A black, rectangular limit switch with a roller plunger on top and two square mounting tabs on the left. It has a label that reads "MICRO SWITCH" and "SL1-B".

ROLLER PLUNGER
WITH SEAL BOOT

Catalog Listing	SL1-B
	SL1-BK

O.F. (max.)	1,200 g
R.F. (min.)	500 g
P.T. (max.)	1.5 mm
O.T. (min.)	3 mm
D.T. (max.)	0.1 mm
O.P.	41.4 mm

A black, rectangular limit switch with a roller plunger on top and two square mounting tabs on the left.

A black, rectangular limit switch with a long roller plunger on top and two square mounting tabs on the left. It has a label that reads "MICRO SWITCH" and "SL1-EK".

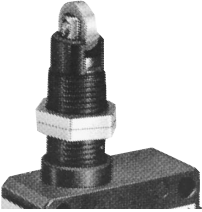
LONG ROLLER PLUNGER

Catalog Listing	SL1-E
	SL1-EK

O.F. (max.)	1,200g
R.F. (min.)	500g
P.T. (max.)	1.5 mm
O.T. (min.)	3 mm
D.T. (max.)	0.1 mm
O.P.	41,4 mm

A black, rectangular limit switch with a long roller plunger on top and two square mounting tabs on the left.

Limit/Enclosed

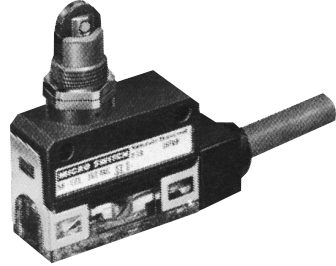


LONG CROSS ROLLER
PLUNGER

Catalog Listing	SL1-K
	SL1-KK

O.F. (max.)	1,200g
R.F. (min.)	500g
P.T. (max.)	1.5mm
O.T. (min.)	3mm
D.T. (max.)	0.1mm
O.P.	41,4mm

COMPACT LIMIT SWITCHES WITH LAMP INDICATION



FEATURES

- Available with neon lamp for 100-250 VAC. Available with LED lamp for 24 VDC
- Lamp indication clearly visible from most angles through the rugged transparent nylon enclosure
- Provided with oil resistant vinyl cabtyre cable

ORDER GUIDE

Specification	Catalog Listing	Wiring
• Neon lamp • 100 to 250 VAC • Silver contact	SL1-□ EXG2	
• LED lamp • 24 VDC • Gold clad	SL1-□ KFXG2	

MOUNTING DIMENSIONS

(For reference only) Dimensions - mm