Honeywell



MICRO SWITCH™ General Purpose Limit Switches SZL-WL Series





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Datasheet

MICRO SWITCH[™] SZL-WL Series General Purpose Limit Switches

MICRO SWITCH[™] SZL-WL Series general purpose limit switches are cost effective switches that may be used in a wide range of applications from general purpose conveyors to heavy-duty machinery. Rugged and reliable, the SZL-WL Series switches are specially designed for world-wide use and supported by Honeywell's vast experience in serving industries around the globe.

High quality product offerings combined with Honeywell's global sales and service resources makes the SZL-WL Series the smart choice for industries whose goal is to minimize plant downtime and reduce overall maintenance costs.

What makes our switches better?

- Small size and universal mounting footprint typically allows for use in constricted spaces and reduces replacement costs by providing interchangeability with similar style switches
- Wide variety of actuator heads and an assortment of actuators typically allows the SZL-WL Series to be applied in many types of applications
- IP67 construction often allows for use in dusty and dirty indoor and outdoor applications
- Mechanical service life of up to 10,000,000 operations promotes the durability required for use in many types of industries from factory floor to agriculture and/or machinery



COST OPTIMIZATION • EASE OF USE RELIABILITY • GLOBAL ACCEPTANCE

Features and Benefits

INDUSTRIAL GLOBAL DESIGN

The SZL-WL Series is designed to the EN50041 mounting standard which promotes interchangability between other brands of limit switches.

Robust and reliable.

TWO CIRCUIT DOUBLE BREAK CONTACTS

The SZL-WL Series promotes reliable switching under industrial 10 amp current loads and typically allows end users the ability to control two circuits within one switch.

WIDE CHOICE OF ACTUATORS

Honeywell's SZL-WL Series offers side rotary, top and side plunger, and wobble stick style actuators that makes the switch reasonably adaptable to numerous types of applications.

OIL TIGHT, WATER TIGHT, DUST TIGHT

IP67 sealing protects against dust and moisture, and allows the SZL-WL Series to be used in dirty and rugged environments found in both indoor and outdoor applications.

Potential Applications



INDUSTRIAL

- Counting and position sensing on conveyors and assembly lines
- Fixture and tooling position sensing on automated metal removing machines
- Position indication on electric valves on pipelines
- Position indication on dampers, fume hoods, and HVAC/R equipment
- Truck ramp position and elevator car position/leveling control



PRODUCT NOMENCLATURE

Figure 1. SZL-WL for Asia-Pacific Use Only

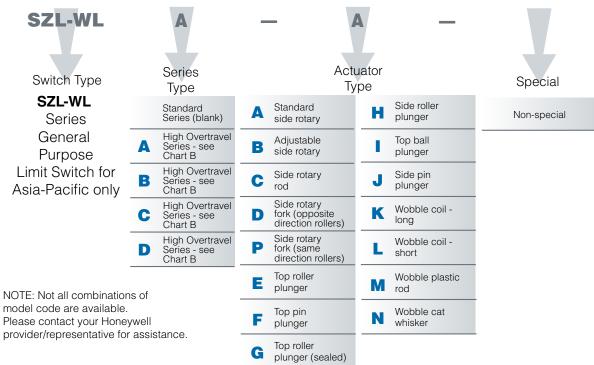
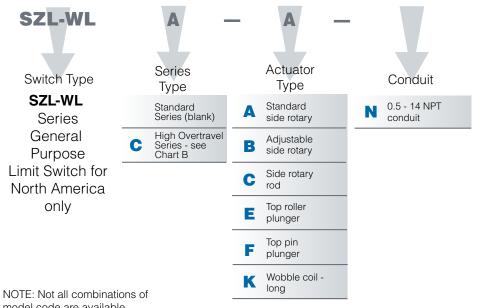


Figure 2. SZL-WL for North American Use Only



model code are available. Please contact your Honeywell provider/representative for assistance.

Table	1.	Chart	Α	•	Standard	Туре
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	WL-A	WL-B ¹	WL-C ²	WL-D, P	WL-E	WL-F	WL-G
Pretravel	15° ±5°	15° ±5°	15° ±5°	50° ±5°	1,7 mm [0.07 in] max.	1,7 mm [0.07 in] max.	1,7 mm [0.07 in] max.
Differential Travel	12°	12°	12°	-	1 mm [0.04 in]	1 mm [0.04 in]	1 mm [0.04 in]
Overtravel	30°	30°	30°	35°	5,6 mm [0.22]	6,4 mm [0.25]	5,6 mm [0.22]
Total travel	40°	40°	40°	90°	-	-	_
Operating torque	0,51 Nm [4.5 in-lb]	0,51 Nm [4.5 in-lb]	0,195 Nm [1.72 in-lb]	0,447 Nm [4.0 in-lb]	26,67 N [6 lb] (force)	26,67 N [6 lb] (force)	16,67 N [3.75 lb] (force)

	WL-H	WL-I	WL-J	WL-K ³	WL-L ³	WL-M ³	WL-N ³
Pretravel	2,8 mm [0.11 in]	1,7 mm [0.07 in] max.	2,8 mm [0.11 in] max.	20 mm ±10 mm [0.79 in ±0.039 in]	20 mm ±10 mm [0.79 in ±0.039 in]	40 mm ±20 mm [1.57 in ±0.79 in]	40 mm ±20 mm [1.57 in ±0.79 in]
Differential travel	1 mm [0.04 in]	1 mm [0.04 in]	1 mm [0.04 in]	-	-	-	-
Overtravel	5,6 mm [0.22 in]	6,4 mm [0.25 in]	4,0 mm [0.16 in]	_	_	_	_
Total travel	8,4 mm [0.33 in]	9,2 mm [0.36 in]	5,7 mm [0.22 in]	-	-	-	-
Operating force max.	40,03 N [9 lb]	26,67 N [6 lb]	40,03 N [9 lb]	1,47 N [0.33 lb]	1,47 N [0.33 lb]	1,47 N [0.33 lb]	0,28 N [0.06 lb]

¹ Operating characteristics of the WL-B are measured at the arm length of 38 mm [1.5 in] ² Operating characteristics of the WL-C are measured at the lever length of 140 mm [5.5 in] ³ Operating characteristics of these types are measured at the tip of the actuator

Table 2. Chart B • Overtravel/High Precision Type

	WLA-A	WLB-A	WLA-B ¹	WLB-B ¹	WLA-C ²	WLB-C ²	WLC-A
Pretravel	18° ±4°	10° (-1°/+2°)	18° ±4°	10° (-1°/+2°)	18° ±4°	10° (-1°/+2°)	25° ±5°
Differential travel	10°	7°	10°	-	10°	7°	16°
Overtravel	55°	65°	55°	65°	55°	65°	60°
Total travel	80°	80°	80°	80°	80°	80°	90°
Operating	0,37 Nm	0,37 Nm	0,37 Nm	0,37 Nm	0,398 Nm	0,398 Nm	0,34 Nm
torque max.	[3.3 in-lb]	[3.3 in-lb]	[3.3 in-lb]	[3.3 in-lb]	[3.52 in-lb]	[3.52 in-lb]	[3.0 in-lb]

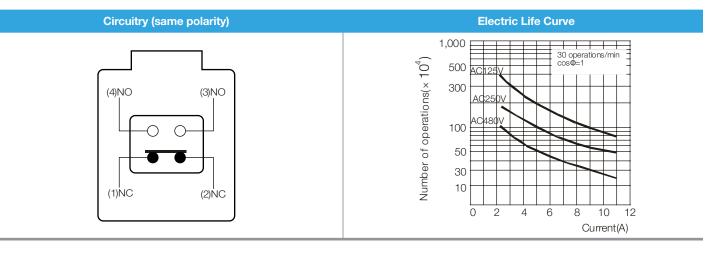
	WLC-B ¹	WLC-C ²	WLD-A	WLD-B ¹	WLD-C ²	WLE-A	WLE-B	WLE-C
Pretravel	$25^{\circ} \pm 5^{\circ}$	$25^{\circ} \pm 5^{\circ}$	20° max.	20° max.	20° max.	6° ±1°	5° (+2°/-0°)	5° (+2°/-0°)
Differential travel	16°	16°	10°	10°	10°	3°	3°	3°
Overtravel	60°	60°	70°	70°	70°	40°	40°	40°
Total travel	90°	90°	90°	90°	90°	40°	40°	40°
Operating torque max.	0,34 Nm [3.0 in-lb]	0,36 Nm [3.16 in-lb]	0,365 Nm [3.23 in-lb]	0,365 Nm [3.23 in-lb]	0,398 Nm [3.52 in-lb]	0,51 Nm [4.5 in-lb]	0,51 Nm [4.5 in-lb]	0,195 Nm [1.72 in-lb]

¹ Operating characteristics are measured at the arm length of 38 mm [1.5 in]

² Operating characteristics are measured at the lever length of 140 mm [5.5 in]

Table 3. Specifications

Characteristic	Parameter
Product type	Honeywell General Purpose Limit Switch
Actuators	side rotary, top roller plunger, top plunger, sealed top roller plunger, side roller plunger, side pin plunger, top ball plunger, wobble/cat whisker, wobble/plastic rod, wobble/coil spring
Circuitry	single pole double throw double break
Electrical	10 A
Housing material	aluminum die-cast
Housing type	industrial
Conduit	PF 1/2, 1/2 in-14 NPT
Sealing	IP67
Operating temperature	-10 °C to 80 °C [14 °F to 176 °F]
Mechanical life	10,000,000 operations
Agency approvals and standards	UL, CE, CSA
Sealed	Industrial



ORDER GUIDE/RECOMMENDED LISTINGS

-	GUIDE/RECC	MMENDED LISTI	NGS					0.F. • Op P.T. • Pre 0.T. • Ove	
	Part Number	Actuation	Note	O.T. Nm [in-lb]	Bar chart	P.T. (max.)	О.Т.	D.T. (max.)	Conduit
	SZL-WL-A	side rotary standard		0,51	0° 20° 50° 1-2 3-4	20°	30°	12°	PF 1/2
	SZL-WL-A-N	lever, standard	-	[4.5]	0° 8° 50° 3-4 1-2	20	30	12	1/2 in NPT
	SZL-WLA-A	side rotary standard lever, high overtravel	-	0,37 [3.3]	0° 22° 77° 1-2 3-4 0° 12° 77° 3-4	22°	55°	10°	PF 1/2
	SZL-WLB-A	side rotary standard lever, high overtravel	_	0,37 [3.3]	0° 12° 77° 1-2 3-4 0°5° 77° 3-4 1-2	12°	65°	7°	PF 1/2
	SZL-WLC-A	side rotary standard		0,34	0° 30° 90° 1-2 3-4	30°	60°	16°	PF 1/2
	SZL-WLC- A-N	lever, high overtravel	-	[3.0]	0° 14° 90° 3-4 1-2	30	00	10	1/2 in NPT
	SZL-WLD-A	side rotary standard lever, high overtravel	_	0,37 [3.23]	0° 20° 90° 1-2 3-4 0° 10° 90° 3-4 1-2	20°	70°	10°	PF 1/2
	SZL-WLE-A	side rotary standard lever, high precision	1	0,51 [4.5]	0° 7° 47° 1-2 3-4 0°4° 47° 3-4 1-2	7°	40°	3°	PF 1/2

Note:

1. Operating characteristics are measured at the actuator arm length of 38 mm [1.5 in]

O.T. • Operating torque O.F. • Operating force P.T. • Pretravel O.T. • Overtravel D.T. • Differential travel

Table 4. Product listings, continued

 Ç,								D.I. • Differential travel	
Part Number	Actuation	Note	O.T. Nm [in-lb]	Bar chart	P.T. (max.)	О.Т.	D.T. (max.)	Conduit	
SZL-WL-B	side rotary adjustable	1	0,51	0° 20° 50° 1-2 3-4	20°	30°	12°	PF 1/2	
SZL-WL-B-N	lever, standard		[4.5]	0° 8° 50° 3-4 1-2	20	00	12	1/2 in NPT	
SZL-WLA-B	side rotary adjustable lever, high overtravel	1	0,37 [3.3]	0° 22° 77° 1-2 3-4 0° 12° 77° 3-4 1-2	22°	55°	10°	PF 1/2	
SZL-WLB-B	side rotary adjustable lever, high overtravel	1	0,37 [3.3]	0° 12° 77° 1-2 3-4 0° 5° 77° 3-4	12°	65°	7°	PF 1/2	
SZL-WLC-B	side rotary adjustable	_	0,34	0° 30° 90° 1-2 3-4	000	<u> </u>	100	PF 1/2	
SZL-WLC- B-N	lever, high overtravel	1	[3.0]	0° 14° 90° 3-4 1-2	30°	60°	16°	1/2 in NPT	
SZL-WLD-B	side rotary adjustable lever, high overtravel	1	0,37 [3.23]	0° 20° 90° 1-2 3-4 0° 10° 90° 3-4 1-2	20°	70°	10°	PF 1/2	
SZL-WLE-B	side rotary adjustable lever, high precision	2	0,51 [4.5]	0° 5° 45° 1-2 3-4 0°2° 45° 3-4 1-2	5°	40°	3°	PF 1/2	

Notes:

Operating characteristics are measured at the actuator arm length of 38 mm [1.5 in]
Operating characteristics are measured at the actuator arm length of 140 mm [5.5 in]

O.T. • Operating torque O.F. • Operating force

P.T. • Pretravel O.T. • Overtravel D.T. • Differential travel

Table 4. Product listings, continued

						D.I. • Differential traver		
Part Number	Actuation	Note	O.T. Nm [in-lb]	Bar chart	P.T. (max.)	О.Т.	D.T. (max.)	Conduit
SZL-WL-C	side rotary rod adjust-	2	0,195	0° 20° 50° 1-2 3-4	20°	30°	12°	PF 1/2
SZL-WL-C-N	able, standard	2	[1.72]	0° 8° 50° 3-4 1-2	20	30	IΖ	1/2 in NPT
SZL-WLA-C	side rotary rod adjust- able, high overtravel	2	0,398 [3.52]	0° 22° 77° 1-2 3-4 0° 12° 77° 3-4 1-2	22°	55°	10°	PF 1/2
SZL-WLB-C	side rotary rod adjust- able, high overtravel	2	0,398 [3.52]	0° 12° 77° 1-2 3-4 0°5° 77° 3-4	12°	65°	7°	PF 1/2
SZL-WLC-C	side rotary rod adjust-	0	0,38	0° 30° 70° 1-2 3-4	000	10	100	PF 1/2
SZL-WLC- C-N	able, high overtravel	2	[3.16]	0° 14° 70° 3-4 1-2	30°	40	16°	1/2 in NPT
SZL-WLD-C	side rotary rod adjust- able, high overtravel	2	0,398 [3.52]	0° 20° 90° 1-2 3-4 1-2 0° 10° 90° 3-4 1-2	20°	70°	10°	PF 1/2
SZL-WLE-C	Side rotary rod adjust- able, high precision	1	0,195 [1.72]	0° 5° 45° 1-2 3-4 0°2° 45° 3-4	5°	40°	3°	PF 1/2
SZL-WL-D SZL-WL-P	fork lock lever, op- posite direction rollers -D); same direction rollers (-P)		0,447 [4.0]	0° 55° 90° 1-2 3-4 0° 55° 90° 3-4 1-2	55°	35°	_	PF 1/2

Notes:

Operating characteristics are measured at the actuator arm length of 38 mm [1.5 in]
Operating characteristics are measured at the actuator arm length of 140 mm [5.5 in]

Table 4. Pro	oduct listings, c	ontinued						P.T. • Pret O.T. • Ove	
	Part Number	Actuation	Note	O.F. N [lb]	Bar chart	P.T. (max.)	О.Т.	D.T. (max.)	Conduit
A	SZL-WL-E	- top roller plunger		26,67	1,7 7,3 0 [0.07] [0.29] 1-2 3-4	1,7 mm	5,6 mm	1 mm	PF 1/2
	SZL-WL-E-N			[6.0]	0,7' 7,3 0 [0,03] [0.29] 3-4 1-2	[0.07 in]	[0.22 in]	[0.04 in]	1/2 in NPT
	SZL-WL-F	top plunger	_	26,67	1,7 8,1 0 [0.07] [0.32] 1-2 3-4 → 0,7 8,1	1,7 mm	6,4mm	1 mm	PF 1/2
	SZL-WL-F-N			[6.0]	0 [0,03] [0.32] 3-4 1-2	[0.07 in]	[0.25 in]	[0.04 in]	1/2 in NPT
	SZL-WL-G	top roller plunger, sealed	_	16,67 [3.75]	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,7 mm [0.07 in]	5,6 mm [0.22 in]	1 mm [0.04 in]	PF 1/2
	SZL-WL-H	side roller plunger	-	40,03 [9.0]	2,8 8,4 0 [0,11] [0.33] 1-2 3-4 1,8 8,4 0 [0,07] [0.33] 3-4 1-2	2,8 mm [0.11 in]	5,6 mm [0.22 in]	1 mm [0.04 in]	PF 1/2
	SZL-WL-I	top ball plunger	_	26,67 [6.0]	1,7 5,7 0 [0.07] [0.22] 1-2 3-4 0,7 5,7 0 [0,03] [0.22] 3-4 1-2	1,7 mm [0.07 in]	4 mm [0.157 in]	1 mm [0.04 in]	PF 1/2
	SZL-WL-J	side plunger	_	40,03 [9.0]	2,8 9,2 0 [0.11] [0.36] 1-2 3-4 1.8 9,2 0 [0,07] [0.36] 3-4 1-2	2,8 mm [0.11 in]	6,4 mm [0.25 in]	1 mm [0.04 in]	PF 1/2

O.T. • Operating torque

Table 4. Pro	oduct listings, c	ontinued						P.T. • Pret O.T. • Ove D.T. • Diffe	ravel
	Part Number	Actuation	Note	O.F. N [lb]	Bar chart	P.T. (max.)	О.Т.	D.T. (max.)	Conduit
	SZL-WL-K	wobble-coil spring	3, 4	1,47		20 mm ±10 mm			PF 1/2
	SZL-WL-K-N	Ø 6,5 mm [Ø 0.256 in]	0, 4	[0.33]		[0.79 in ±0.39 in]			1/2 in NPT
	SZL-WL-L	wobble-coil spring Ø 4,8 mm [Ø 0.189 in]	3, 4	1,47 [0.33]	_	20 mm ±10 mm [0.79 in ±0.39 in]	-	_	PF 1/2
	SZL-WL-M	wobble-plastic rod Ø 8,0 mm [Ø 0.315 in]	3, 4	1,47 [0.33]	_	40 mm ±20 mm [1.57 in ±0.79 in]	_	_	PF 1/2
	SZL-WL-N	wobble-steel wire Ø 1,0 mm [Ø 0.04 in]	3, 4	0,28 [0.06]	_	40 mm ±20 mm [1.57 in ±0.79 in]	_	_	PF 1/2

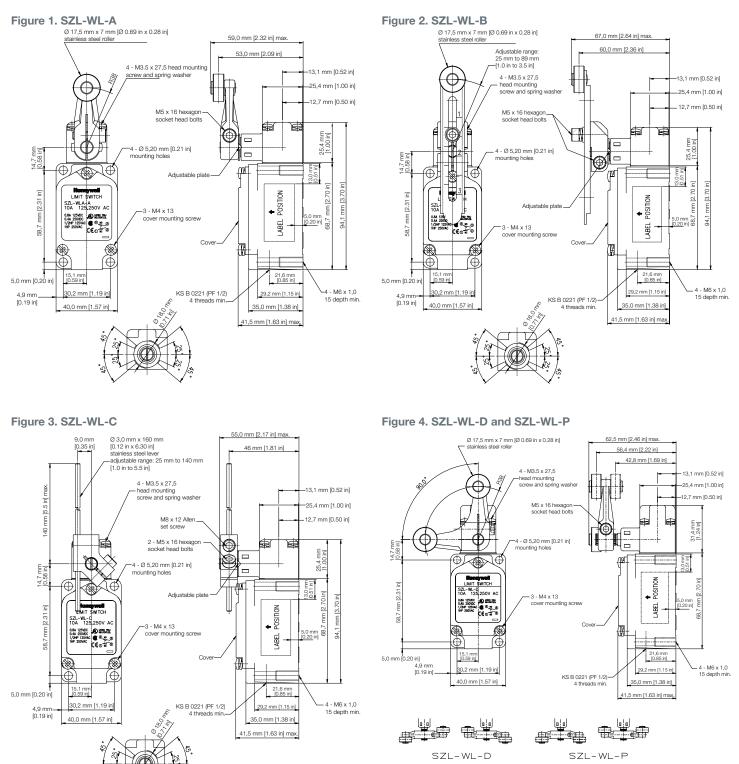
Notes:

1. Operating characteristics are measured at the actuator arm length of 38 mm [1.5 in]

2. Operating characteristics are measured at the actuator arm length of 140 mm [5.5 in]
3. Operating characteristics are measured at the tip of the actuator

4. Operating force is measured from the tip of the wobble

O.T. • Operating torque O.F. • Operating force



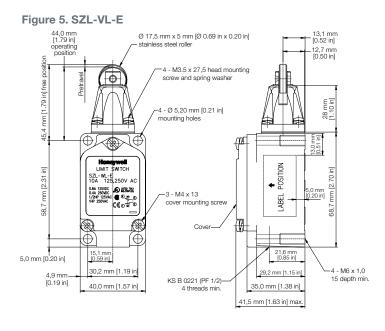


Figure 6. SZL-WL-F 13,1 mm [0.52 in] Pretravel 12,7 mm [0.50 in] 4 - M3.5 x 27,5 head mounting screw and spring washer 34,0 mm [1.34 in] free position 19,9 mm [0.78 in] 4 - Ø 5,20 mm [0.21 in] mounting holes 4 Π J€ + POSITION WITCH mm [2.31 in] 3 - M4 x 13 SZL-WL-F 10A 125,250V AC 88,6 mm [3.49 in] cover mounting screw 0.8A 125V0C 0.4A 25V0C 0.4A 250V0C 1/3#P 125VAC 1HP 250VAC €0 ± 0 m [2. LABEL 58,7 80 Со Ø R ß Æ 15,1 mn [0.59 in 21,6 mm [0.85 in] 5,0 mm [0.20 in] M6 x 1,0 30,2 mm [1.19 in] 29,2 mm [1.15 in 4 9 mm KS B 0221 (PF 1/2) 4 threads min. 15 depth min. [0.19 in] 40,0 mm [1.57 in] 35,0 mm [1.38 in] 41,5 mm [1.63 in] max.

Figure 7. SZL-WL-G 44,0 mm [1.79 in] operating 13,1 mm [0.52 in] 54,2 mm [2.13 in] operating position Ø 11,2 mm x 4,9 mm [Ø 0.44 in x 0.19 in] _12,7 mm [0.50 in] position stainless steel rolle 55,7 mm [2.19 in] 4 - M3.5 x 27,5 head mounting screw and spring washer 4 - M3.5 x 10,0 head mounting • mm [1.79 in] free pos Pretravel 2,8 mm [0.11 in] max. screw and spring washe Pretrave 40,3 mm [1.59 in] 25,4 mm [1.00 in] 4 - Ø 5,20 mm [0.21 in] *25.0 4 畄 mounting holes 4 - Ø 5.20 mm E [0.21 in] mounting holes \mathbf{P} 45,4 0 θĺ - Contraction of the second se ηE 2.8 Hone Φ (MI NITCH NOI [2.31 in] 70 in] SZL-WL-C 10A 125,250V AC ◆ POSIT 0.8A 125VDC 0.4A 250VDC 1/2HP 125VAC 1HP 250VAC € 0 ∞ 0 mm [2. .⊆ птсн ШШ -3 - M4 x 13 SZL-WL-H 10A 125 250V AC 3 - M4 x 13 nm [2.31 ABEL cover mounting screw er mounting screw 8 38.7 0.5A 125MDC 0.4A 250MDC 1/2#P 125MC 1HP 250WAC R R Cover 58,7 \oplus (⊕) Cove M R (¥ 21,6 mm [0.85 in] 15,1 m 5,0 mm [0.20 in] Æ 30,2 mm [1.19 in] 4 - M6 x 1,0 9,2 mm [1.15 in] 4 9 mm KS B 0221 (PF 1/2) 15 depth min. 5,0 mm [0.20 in] [0.19 in] 40,0 mm [1.57 in] 35,0 mm [1.38 in] 4 threads min 30,2 mm [1.19 in] 4.9 mm 41,5 mm [1.63 in] max KS B 0221 (PF 1/2) [0.19 in] 40,0 mm [1.57 in] 4 threads min

Figure 8. SZL-WL-H

13,1 mm [0.52 in]

-25,4 mm [1.00 in]

-12,7 mm [0.50 in]

27.5

mm [2.70 ir

68,7

mm [3.79 in]

96,2

4 - M6 x 1.0

15 depth min.

æ

POSITION

LABEL

21,6 mm [0.85 in]

29,2 mm [1.15 in]

35,0 mm [1.38 in]

41,5 mm [1.63 in] max.

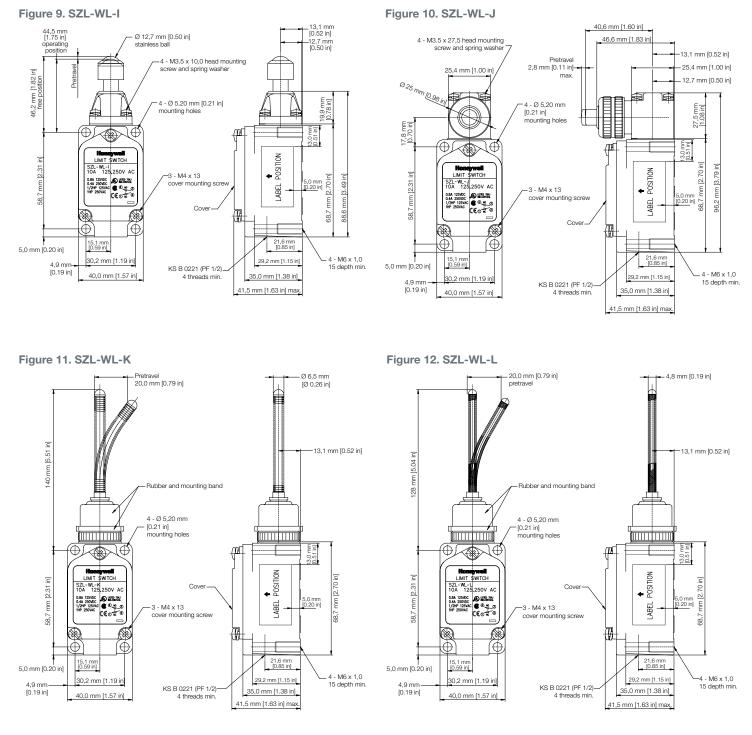
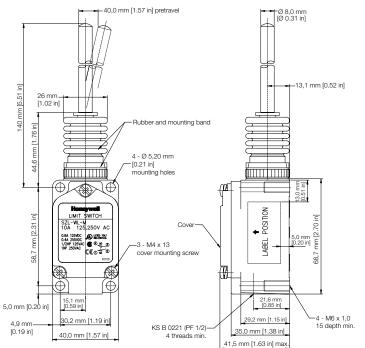
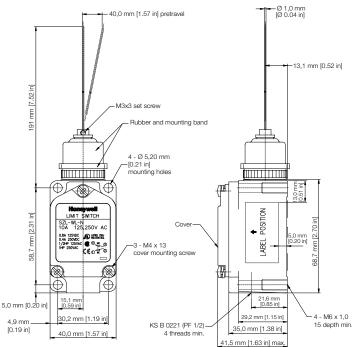


Figure 13. SZL-WL-M





SET POSITION INDICATOR

Proper Operation Zone

- The two convex indicators on the shaft housing show the operating zones for proper operation, thereby, simplifying installation and maintenance.
- Too much over-travel may cause shortened mechanical life due to possible damage to the switch mechanism.

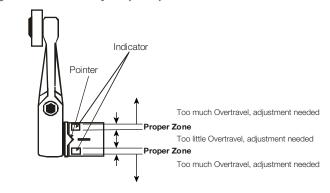
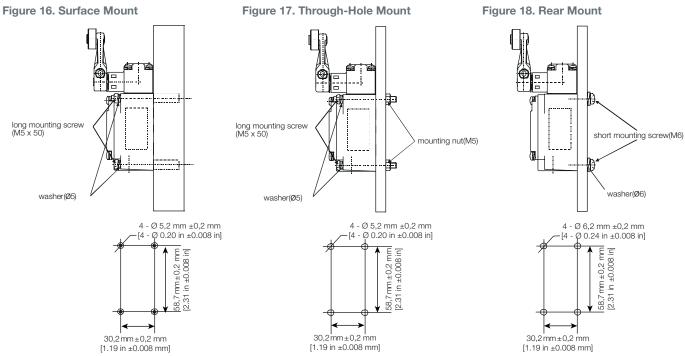


Figure 15. Side Rotary Proper Operation Zone

Figure 14. SZL-WL-N

MOUNTING DIMENSIONS

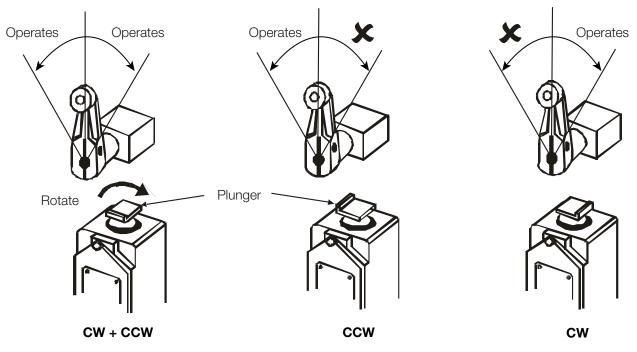


ADJUSTABLE OPERATING CHARACTERISTICS

Standard/High Precision Series

• All side rotary switches of Standard and High Precision models can be set to actuate on one side only. Clockwise and counterclockwise mode is available by rotating the plunger inside the operating head as shown below.

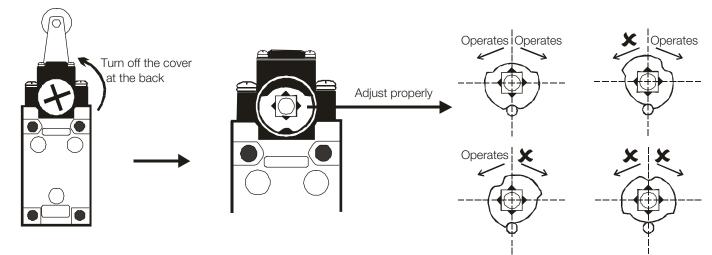
Figure 19. Standard/High Precision Type Switches



OVERTRAVEL "D" SERIES

• The Overtravel "D" Series switches can be set to one side actuation mode by rotating the cam located inside the operating head as shown below.

Figure 20. Overtravel "D" Series

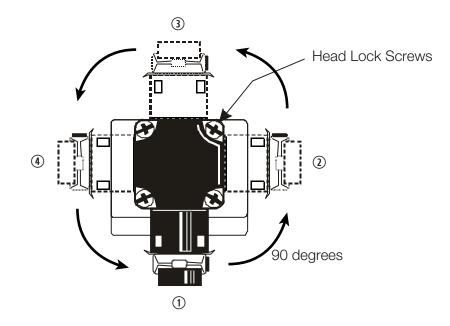


OPERATING HEAD DIRECTION CHANGE

90° Incremental Rotation

Most SZL-WL –D, P, E, G, H, and J Series switches allow for the operating head to be rotated to any of the four positions indicated below. Loosen the four head lock screws and rotate the head to the desired position.
Note* The head of the Overtravel "D" Series can be set ONLY to directions 1 and 3.

Figure 21. SZL-WL Head Rotation



CABLES

Product Nomenclature

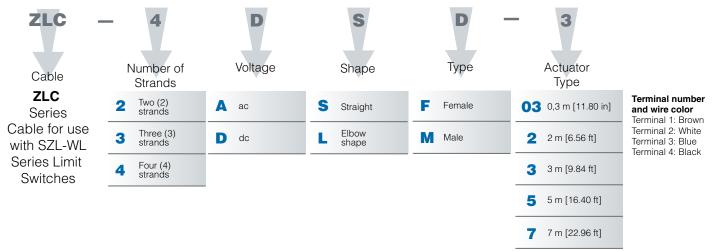


Figure 22. ZLC-4DLF-___

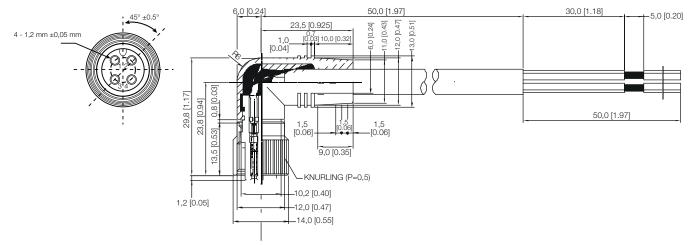
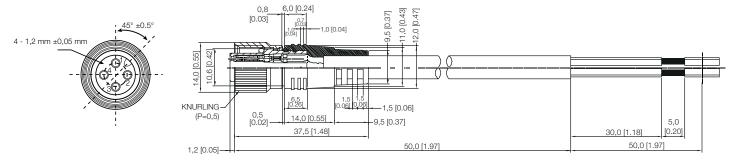
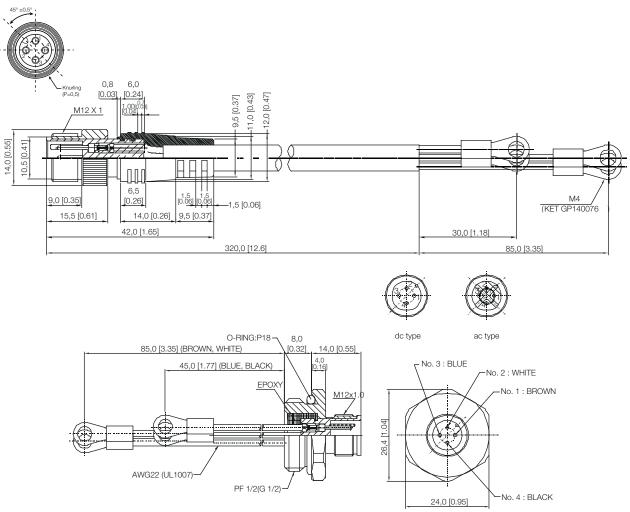


Figure 23. ZLC-4DSF-___







NOTE: Receptacle required for using cables. Order part number ZLC-4DRM-85.

SEAL CONNECTOR

Product Nomenclature

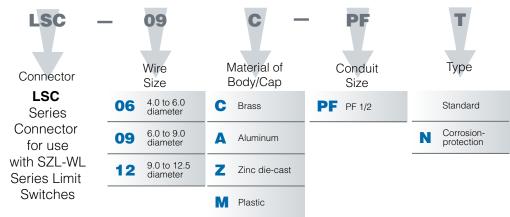
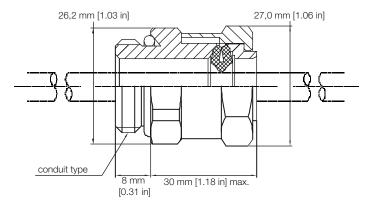


Figure 25. LSC-09C-PFT



This Honeywell datasheet supports the following MICRO SWITCH[™] SZL-WL Series listings:

SZL-WL-A SZL-WL-A-N SZL-WL-B-N SZL-WL-C-N SZL-WL-E-N SZL-WL-F-N SZL-WLA-A SZL-WLB-A SZL-WLC-A	SZL-WLD-B SZL-WLE-B SZL-WL-C SZL-WLA-C SZL-WLB-C SZL-WLC-A-N SZL-WLC-B-N SZL-WLC-C SZL-WLC-C-N	SZL-WL-G SZL-WL-H SZL-WL-J SZL-WL-J SZL-WL-K SZL-WL-L SZL-WL-M SZL-WL-N SZL-WL-P
SZL-WLC-A	SZL-WLC-C-N	SZL-WL-P
SZL-WLD-A SZL-WLE-A	SZL-WLD-C SZL-WLE-C	SZL-WL-A-LEVER SZL-WL-A-LEVER-P
SZL-WL-B	SZL-WL-D	SZL-WL-B-LEVER
SZL-WLA-B SZL-WLB-B SZL-WLC-B	SZL-WL-E SZL-WL-F	SZL-WL-B-LEVER-P SZL-WL-C-LEVER

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.

WARNING MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- 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.

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell website, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.



