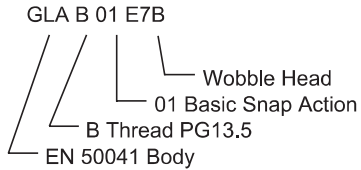


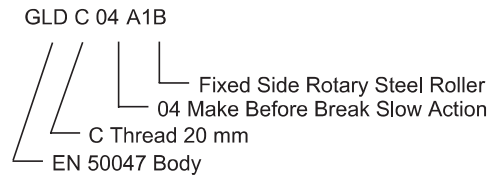
# Spare parts for the GLS Series

To order spare parts for your particular GLS simply use the GLS number on the front of the switch to identify the construction used and therefore the spare part you need.

**For Example : The part No : GLAB01E7B**



**For Example : The part No : GLDC04A1B**



From the tables below it is possible to obtain replacement Basic Switches, Heads, Actuators, Levers and LED Assemblies.

**Note : Spare parts should only be used to replace parts on existing listings. Honeywell accepts no liability for parts used in combinations not recognised by Honeywell as valid listings.**

## Basic switches

Body Type	Basic Switch								
	01	02	03	04	06	12	13	20	24
GLA	GLZ301		GLZ303	GLZ304	GLZ306			GLZ320	
GLB		\ GLZ2BB02							
GLC	GLZ301		GLZ303	GLZ304	GLZ306				
GLD	GLZ301		GLZ303	GLZ304	GLZ306				
GLE	GLZ301		GLZ303	GLZ304	GLZ306				GLZ324
GLF	GLZ301		GLZ303	GLZ304	GLZ306				
GLG						\ GLZ312			
GLH	GLZ301		GLZ303	GLZ304	GLZ306				
GLJ							\ GLZ313		

\ **Note 1** : for these spares you will receive the front of the body with no head. To replace the faulty switch/LED assembly remove the old body and old head. Retrofit the head onto the replacement and plug in the spare switch/LED assembly into the old base.

## Heads

Body Type	Head Types									
	A	B	C	D	E7A	E7B	E7D	K8A	K8B	K8C
GLA	GLZ1AA	GLZ1AB	GLZ1AC	GLZ1AD	GLZ1AE7A	GLZ1AE7B	GLZ1AE7D	GLZ1AK8A	GLZ1AK8B	GLZ1AK8C
GLB	GLZ1AA	GLZ1AB	GLZ1AC	GLZ1AD	GLZ1AE7A	GLZ1AE7B	GLZ1AE7D	GLZ1AK8A	GLZ1AK8B	GLZ1AK8C
GLC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLF	GLZ1AA	GLZ1AB	GLZ1AC	GLZ1AD	GLZ1AE7A	GLZ1AE7B	GLZ1AE7D	GLZ1AK8A	GLZ1AK8B	GLZ1AK8C
GLG	GLZ1AA	GLZ1AB	GLZ1AC	GLZ1AD	GLZ1AE7A	GLZ1AE7B	GLZ1AE7D	GLZ1AK8A	GLZ1AK8B	GLZ1AK8C
GLH	GLZ1AA	GLZ1AB	GLZ1AC	GLZ1AD	GLZ1AE7A	GLZ1AE7B	GLZ1AE7D	GLZ1AK8A	GLZ1AK8B	GLZ1AK8C
GLJ	GLZ1AA	GLZ1AB	GLZ1AC	GLZ1AD	GLZ1AE7A	GLZ1AE7B	GLZ1AE7D	GLZ1AK8A	GLZ1AK8B	GLZ1AK8C

## Levers / Actuators (for GLZ1AA head type only (side rotary))

Body Type	Lever Actuator Type					
	1A	1B	2A	2B	4J	5B
GLA	GLZ51A	GLZ51B	GLZ52A	GLZ52B	GLZ54J	GLZ55B
GLB	GLZ51A	GLZ51B	GLZ52A	GLZ52B	GLZ54J	GLZ55B
GLC	N/A	N/A	N/A	N/A	N/A	N/A
GLD	N/A	N/A	N/A	N/A	N/A	N/A
GLE	N/A	N/A	N/A	N/A	N/A	N/A
GLF	GLZ51A	GLZ51B	GLZ52A	GLZ52B	GLZ54J	GLZ55B
GLG	GLZ51A	GLZ51B	GLZ52A	GLZ52B	GLZ54J	GLZ55B
GLH	GLZ51A	GLZ51B	GLZ52A	GLZ52B	GLZ54J	GLZ55B
GLJ	GLZ51A	GLZ51B	GLZ52A	GLZ52B	GLZ54J	GLZ55B

## Parts description

Heads	
GLZ1AA	Side Rotary Head
GLZ1AB	Top Pin Plunger Head
GLZ1AC	Top Roller Plunger Head
GLZ1AD	Roller Arm Head
GLZ1AE7A	Plastic Wobble Stick Head Assembly
GLZ1AE7B	Coil Wobble Stick Head Assembly
GLZ1AE7D	Coil Whisker Head Assembly
GLZ1AK8A	140mm Cat's Whisker Head Assembly
GLZ1AK8B	190mm Cat's Whisker Head Assembly
GLZ1AK8C	Cat's Whisker Head Assembly
Basics	
GLZ301	Snap Action SPDT (01)
GLZ302	Snap Action SPDT Plug-In (02) see Note 1
GLZ303	SPDT Break Before Make (03)
GLZ304	SPDT Make Before Break (04)
GLZ306	SPDT 2 normally closed (06)
GLZ307	Snap Action SPDT (07) low energy contacts
GLZ312	Snap Action SPDT 1 LED Plug-In (12) see Note 1
GLZ313	Snap Action SPDT 2 LED Plug-In (13) see Note 1
GLZ320	Snap Action DPDT (20)
GLZ322	Snap Action DPDT (22) low energy contacts
GLZ324	Snap Action DPDT for 3 Conduit (24)
GLZ332	Snap Action DPDT for 3 Conduit (32) low energy contacts
GLZ333	SPDT Break Before Make (33) low energy contacts
GLZ336	SPDT 2 normally closed (36) low energy contacts
Actuators	
GLZ51A	Side Rotary Fixed Lever Nylon Roller Actuator
GLZ51B	Side Rotary Fixed Lever Steel Roller Actuator
GLZ52A	Side Rotary Adjustable Lever Nylon Roller Actuator
GLZ52B	Side Rotary Adjustable Lever Steel Roller Actuator
GLZ54J	Side Rotary Adjustable Rod Actuator
GLZ55B	Side Rotary Fixed Offset Lever Steel Roller
LED Assemblies	
GLZ6F	Spare 1 LED Assembly for GLF...
GLZ6H	Spare 2 LED Assembly for GLH...
Plug-in Modules	
GLZ4BA	GLB Base Plug-in Module - 1/2" NPT
GLZ4BB	GLB Base Plug-in Module - PG 13.5
GLZ4BC	GLB Base Plug-in Module - 20mm
GLZ4BD	GLB Base Plug-in Module - PF1/2
GLZ4GA	GLG Base Plug-in Module - 1/2" NPT
GLZ4GB	GLG Base Plug-in Module - PG 13.5
GLZ4GC	GLG Base Plug-in Module - 20mm
GLZ4GD	GLG Base Plug-in Module - PF1/2
GLZ4JA	GLJ Base Plug-in Module - 1/2" NPT
GLZ4JB	GLJ Base Plug-in Module - PG 13.5
GLZ4JC	GLJ Base Plug-in Module - 20mm
GLZ4JD	GLJ Base Plug-in Module - PF1/2

## ⚠ WARNING

### SPARE PARTS

- These spare parts are for direct replacement only.

No liability is accepted for switches which are fully assembled solely from spare parts.

## Tools

The following tools will be needed - depending on the task.

Posidrive screwdriver n° 1 & n° 2

Allen key 3 mm

When tightening a screw down the maximum force which should be applied should not exceed 80N.cm (7in.LB) on any screw on the complete assembly or basic switch terminal.

## Mounting instructions

Mounting, Installation and Wiring of the Limit Switch plays a critical role in the performance of the switch in service. Care should be taken in the position and orientation of the switch for optimum performance. All of the guidelines given below apply equally when replacing parts on the switch.

## Wiring

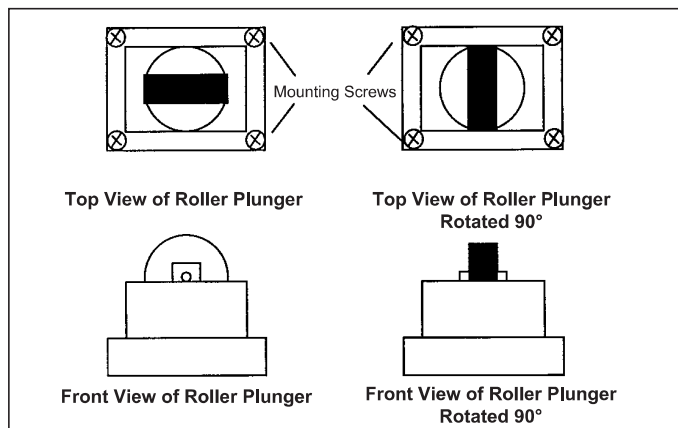
The GLS series has been designed to accept 14AWG wire maximum. Care should be taken to ensure that the wires are carefully arranged in the switch so that they do not overlap or otherwise interfere with the operation of the switch when the switch cover is replaced. If the wires are trapped between the basic and the cover then the switch may fail to operate correctly - ensure that an adequate gap exists between the fitted wires and the cover when fitted. It is not good practice to have very different diameter wires share the same terminal in the switch - uneven pressure on the wires will result.

## Mounting

The GLS series has been designed to be extremely flexible in mounting. Elongated mounting holes mean that the switch can be adjusted substantially prior to fixing in position. We recommend M4 maximum screws be used for mounting the switch in its application. Fix and test the switch for intended switch point in the application. When mounting the switch ensure that it is positioned to allow natural drainage of any moisture which may enter the enclosure during service. Natural drainage can be achieved by mounting the switch upright with the conduit entry at the bottom of the switch. Mounting the switch in the upright position will enable maintenance and replacement procedures to be carried out easily.

## Adjustment and set-up

In general no adjustment of the GLS should be necessary beyond correct mounting of the switch body as required. It is possible to change the switch actuator orientation. The example below shows a top roller plunger head rotated through 90°. The other head styles can also be rotated.



The head can be rotated by carefully removing the four combination head screws holding the head in position. Carefully remove the head assembly and rotate to the desired position. Replace the head assembly and tighten the mounting screws. Ensure that the head is properly located. Hand test the actuator to ensure that the switch functions and the actuator moves freely (sticking can occur if material has been deposited inside the drive train whilst the head assembly was removed).

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