

Honeywell Sensing and Control

GLAA01A2A



Global Limit Switches Series GLS: Side Rotary With Roller - Adjustable, 1NC 1NO SPDT Snap Action, 0.5 in - 14NPT conduit

Actual product appearance may vary.

Features

- Designed to IEC standard for worldwide applications
- UL, CSA, and CE
- International conduit sizes
- Direct PLC interface compatible (two circuit)
- Modular construction reduces maintenance parts costs
- Designed for ease of installation
- Variety of basic switch versions
- · Wide choice of actuators

Potential Applications

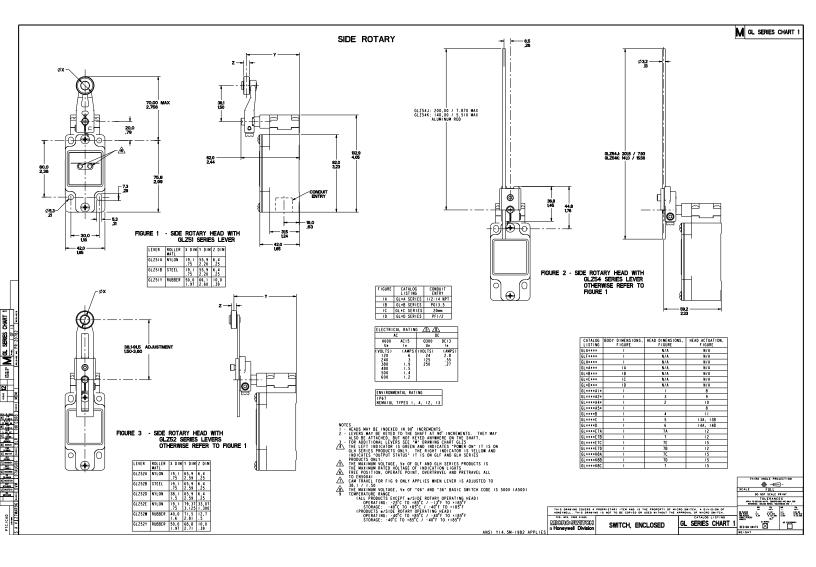
- Machine tools: metal fabrication equipment, presses, transfer lines and special machinery
- Material handling equipment: conveyors, elevators, cranes, and hoists
- Packaging machinery and process equipment
- Textile machinery
- Construction machinery and equipment, vehicles and lift trucks

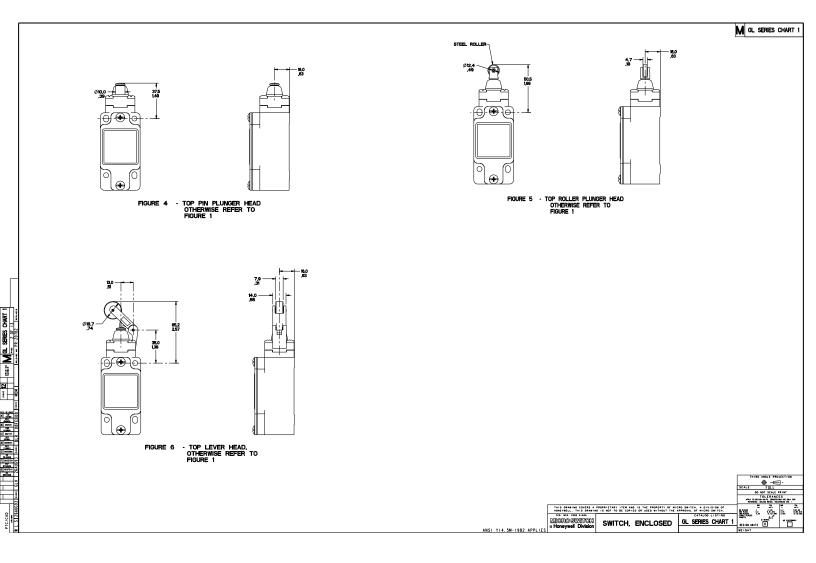
Description

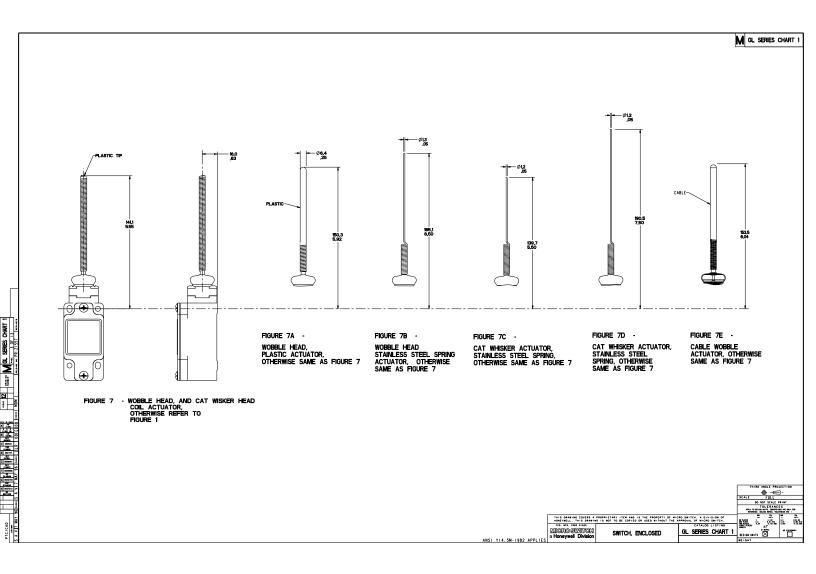
The GLS series limit switches are specifically designed for world-wide applications and are supported by Honeywell global resources for sale and after sale service.

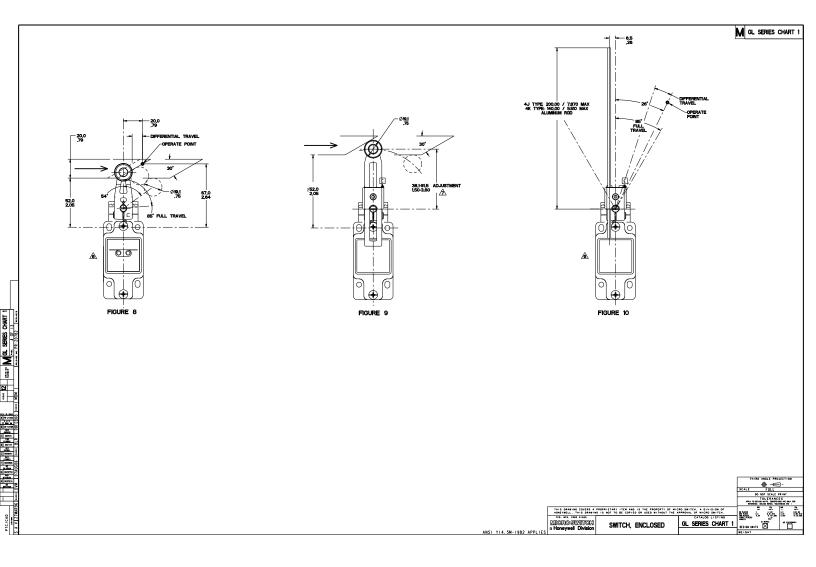
Product Specifications				
Availability	Global			
Operating Force (O.F.)	0,330 N m [2.90 in lb]			
Pretravel (P.T.)	26°			
Overtravel (O.T.)	59°			
Differential Travel (D.T.)	12°			
Product Type	EN50041/47 Global Limit Switch			
Actuator	Side Rotary			
Lever Style	Roller - Adjustable			
Circuitry	1NC 1NO SPDT Snap Action			
Ampere Rating	10 A (Thermal)			
Supply Voltage	600 Vac and 250 Vdc max.			
Housing Material	Zinc Die-Cast			

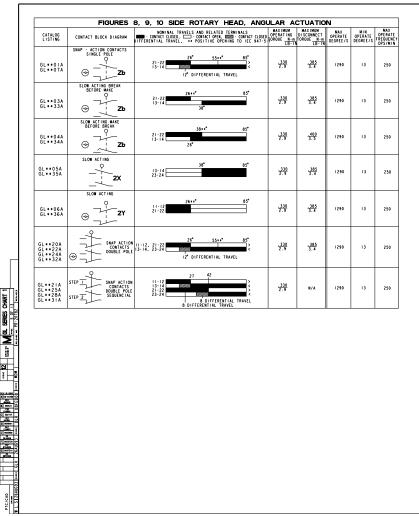
Termination Type	0.5 in - 14NPT conduit		
Housing Type	EN 50041		
Series Name	GLS DIN		
Shock	50 g per IEC 68-2-27c (w/o Actuator)		
Vibration	10 g per IEC 68-2-6 (w/o Actuator)		
Sealing	NEMA 1, 4, 12, 13 IP67		
Approvals	UL, CSA, CE		
CSA File #	LR94369-3		
UL File #	E37138 & E157416		
Mechanical Life	15 million		
Operating Temperature Range	-25 °C to 85 °C [-13 °F to 185 °F]		
Comment	Roller Material: Plastic		
Agency Approvals and Standards	IEC 947-5-1, EN60947-5-1, UL508		
UNSPSC Code	302119		
UNSPSC Commodity	302119 Switches and controls and relays		
Sealed	Industrial		
Operating Position (O.P.)	26°		











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SIDE ROTARY HEAD, CAM ACTUATION PER EN50041, FIGURES 8 AND 9 A									
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED. — CONTACT OPEN, 22223 CONTAC DIFFERENTIAL TRAVEL. • POSITIVE OPENING TO LEC DIMENSIONS IN mm	T CLOSED OPERATING 0 947-5- IFORCE N	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S in/S	MIN OPERATE VEL mm/S in/S	MAX OPERATE FREQUENCY OPS/MIN		
GL •• 0 I A GL •• 0 7 A	SNAP - ACTION CONTACTS SINGLE POLE Zb	21-22 13-14		11.4	.85 33.5	8.5 .33	250		
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE Zb	21 - 22	9.7	11.4	.85 33.5	8.5 .33	250		
GL •• 04A GL •• 34A	SLOW ACTING MAKE BEFORE BREAK Zb	21-22	9.7 2.2	11.4	.85 33.5	8.5 .33	250		
GL •• 05A GL •• 35A	SLOW ACTING Q	13-14 23-24	9.7	11.4 2.6	85 33.5	8.5 .33	250		
GL ** 06A GL ** 36A	SLOW ACTING O ZY	11 · 12 21 · 22	9.7 2.2	11.4 2.6	85 33.5	8.5 .33	250		
GL •• 20A GL •• 22A GL •• 24A GL •• 32A	SNAP ACTION CONTACTS DOUBLE POL			11.8 2.7	.85 33.5	8.5 .33	250		
GL •• 21A GL •• 25A GL •• 28A GL •• 31A	STEP SNAP ACTIO CONTACTS DOUBLE POL SEQUENCIAL	21-22	9.7	N/A	85 33.5	8.5 .33	250		
GL •• 26 J GL •• 27 J GL •• 29 J GL •• 30 J	SNAP ACTIO CONTACTS DOUBLE POL CENTER NEUTR	3-14	9.7	N/A	.85 33.5	8.5 .33	250		

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