Honeywell Sensing and Control



GLEA24A1B



Global Limit Switches Series GLS: Side Rotary With Roller - Standard, 2NC 2NO DPDT 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

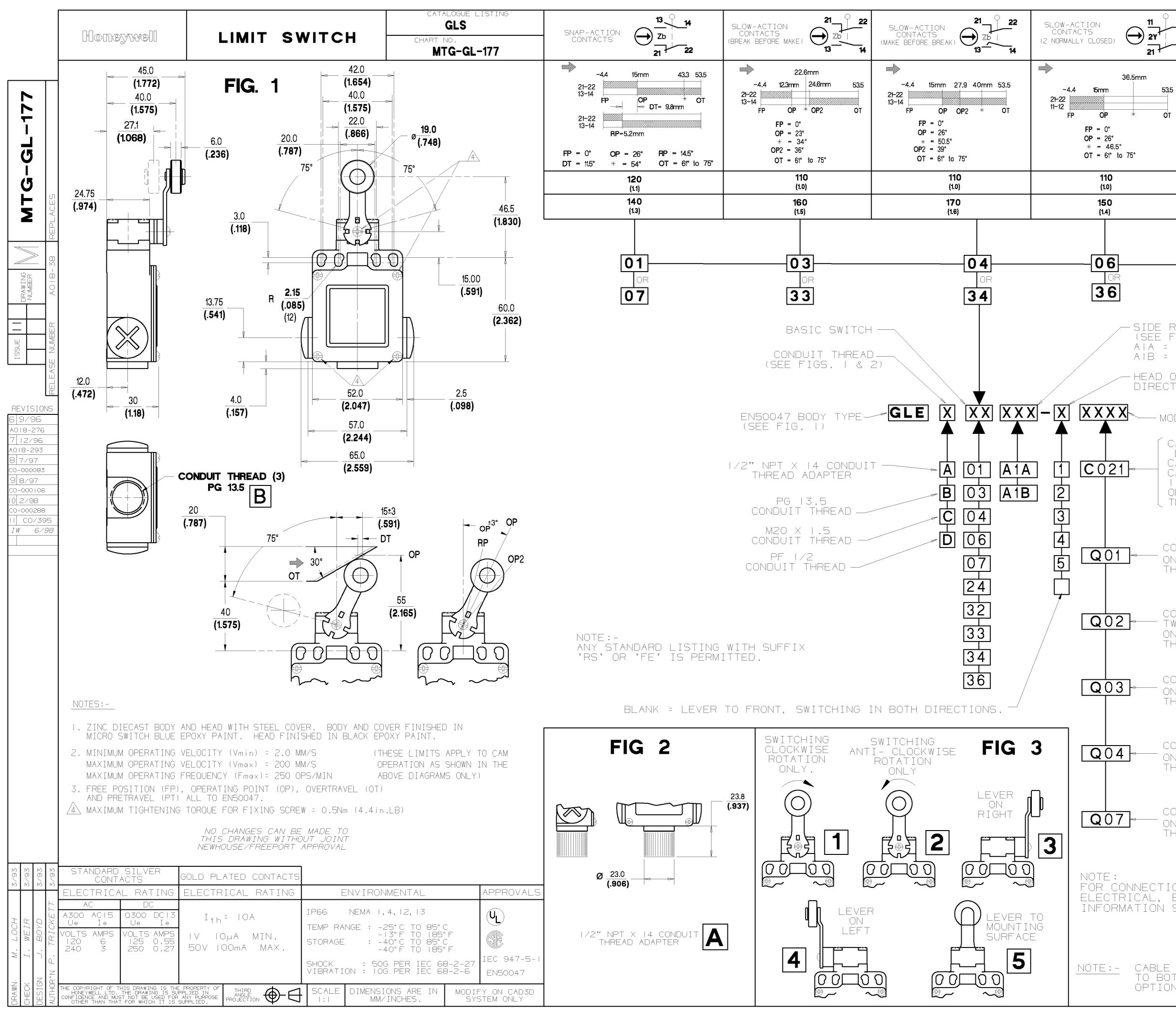
- Packaging machinery and process equipment
- Textile machinery
- Construction machinery and
- equipment, vehicles and lift trucks

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.)	0,165 N m [1.50 in lb]	
Pretravel (P.T.)	26°	
Overtravel (O.T.)	49°	
Differential Travel (D.T.)	8°	
Product Type	EN50041/47 Global Limit Switch	
Actuator	Side Rotary	
Lever Style	Roller - Standard	
Circuitry	2NC 2NO DPDT Snap Action	
Ampere Rating	10 A (Thermal)	
Supply Voltage	300 Vac and 250 Vdc max.	
Housing Material	Zinc Die-Cast	

Termination Type	0.5 in - 14NPT conduit	
Housing Type	EN 50047 Compatible	
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 IP66	
Approvals	UL, CSA, CE	
CSA File #	LR94369-3	
UL File #	E37138 & E157416	
Mechanical Life	10 million	
Operating Temperature Range	-40 °C to 85 °C [-40 °F to 185 °F]	
Comment	Roller Material: Steel	
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°	



$ \begin{array}{c} 11 \\ 2Y \\ 21 \\ 22 21 22 $	SNAP-ACTION CONTACTS (DOUBLE POLE) 13 - 14 11 - 12 23 - 24 21 - 22	CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013	
5mm 53.5 * OT	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED CONTACT OPEN * POSITIVE OPENING TO IEC 947-5-1	
	165 (1.5) 165	NORMAL OPERATING TORQUE MAX (in.Ibs) MAXIMUM	
(15) DISCONNECT (in.bs) TOROUE (in.bs) DISCONNECT (in.bs) TOROUE (in.bs) DISCONNECT (in.bs) TOROUE (in.bs) DISCONNECT (in.bs) TOROUE (in.bs) DISCONNECT (in.bs) TOROUE SULVER CONTACTS OR BASIC SWITCH WITH GOLD PLATED CONTACTS. SIDE ROTARY ACTUATOR (SEE FIG. 1) AIA = PLASTIC ROLLER AIB = METAL ROLLER			
HEAD ORIENTATION AND LEVER DIRECTION OF OPERATION (SEE FIG. 3)			
MODIFICATION CODE CABLE 5 WIRE, WITH GROUND. LAST CHARACTER IS CABLE LENGTH I = IMTR. CABLE LENGTHS ARE FROM I TO 9 METRES. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.			
only	ECTOR ,4 PIN MICRO. Available with conduit ad type 'b' .		
TWIN ONLY	ECTOR ,5 PIN MICRO Keyway. Available with conduit ad type 'b' .		
only	ECTOR , 4 PIN MINI. Available with conduit ad type 'b' .		
only	ECTOR ,5 PIN MINI. Available with conduit ad type 'b' .		
only	ECTOR ,5 PIN MICRO. Available with conduit ad type 'b' .		
CAL, ENV	DIAGRAMS AND ADDITION Ironmental & dimensio Drawing GL-49212.		
TO BOTTOM	D CONNECTOR WILL BE FIT M EXIT CONDUIT ONLY. OT CUSTOMER SPECIAL'N' LIS	HER	